

Appendix E – Plant & Fleet Asset Management Plan

The Asset Management Plans (Transport, Buildings, Drainage, Fleet and Parks) are available as individual documents on Council's website www.penrithcity.nsw.gov.au

or can be made available as a CD by contacting Council's City Works Manager.






Penrith

Regional City



Version

January 2011

Document Control	<div></div>				
Document ID: plant and fleet asset management plan draft version 1					
Rev No	Date	Revision Details	Author	Reviewer	Approver
1	28/07/2010		Harold Dulay/ Ray Graves		
1.1	24 October 2010		Harold Dulay/ Ray graves		
1.2	15 November 2010	Design	Harold Dulay		
1.3	January 2011		Harold Dulay/ Ray Graves		

© Copyright 2007 – All rights reserved.

The Institute of Public Works Engineering Australia.

TABLE OF CONTENTS

ABBREVIATION	5
GLOSSARY	6
1. EXECUTIVE SUMMARY	13
2. INTRODUCTION	16
3. LEVELS OF SERVICE	22
4. FUTURE DEMAND	27
5. LIFECYCLE MANAGEMENT PLAN	30
6. FINANCIAL SUMMARY	38
7. ASSET MANAGEMENT PRACTICES	45
8. PLAN IMPROVEMENT AND MONITORING	49
REFERENCES	51
APPENDICES	52

ABBREVIATIONS

AAAC	Average annual asset consumption
AMP	Asset management plan
ARI	Average recurrence interval
BOD	Biochemical (biological) oxygen demand
CRC	Current replacement cost
CWMS	Community wastewater management systems
DA	Depreciable amount
DoH	Department of Health
EF	Earthworks/formation
IRMP	Infrastructure risk management plan
LCC	Life Cycle cost
LCE	Life cycle expenditure
MMS	Maintenance management system
PCI	Pavement condition index
RV	Residual value
SS	Suspended solids
vph	Vehicles per hour

GLOSSARY

Annual service cost (ASC)

An estimate of the cost that would be tendered, per annum, if tenders were called for the supply of a service to a performance specification for a fixed term. The Annual Service Cost includes operating, maintenance, depreciation, finance/ opportunity and disposal costs, less revenue.

Asset class

Grouping of assets of a similar nature and use in an entity's operations (AASB 166.37).

Asset condition assessment

The process of continuous or periodic inspection, assessment, measurement and interpretation of the resultant data to indicate the condition of a specific asset so as to determine the need for some preventative or remedial action.

Asset management

The combination of management, financial, economic, engineering and other practices applied to physical assets with the objective of providing the required level of service in the most cost effective manner.

Assets

Future economic benefits controlled by the entity as a result of past transactions or other past events (AAS27.12).

Property, plant and equipment including infrastructure and other assets (such as furniture and fittings) with benefits expected to last more than 12 month.

Average annual asset consumption (AAAC)*

The amount of a local government's asset base consumed during a year. This may be calculated by dividing the Depreciable Amount (DA) by the Useful Life and totalled for each and every asset OR by dividing the Fair Value (Depreciated Replacement Cost) by the Remaining Life and totalled for each and every asset in an asset category or class.

Brownfield asset values**

Asset (re)valuation values based on the cost to replace the asset including demolition and restoration costs.

Capital expansion expenditure

Expenditure that extends an existing asset, at the same standard as is currently enjoyed by residents, to a new group of users. It is discretionary expenditure, which increases future operating, and maintenance costs, because it increases council's asset base, but may be associated with additional revenue from the new user group, e.g. extending a drainage or road network, the provision of an oval or park in a new suburb for new residents.

Capital expenditure

Relatively large (material) expenditure, which has benefits, expected to last for more than 12 months. Capital expenditure includes renewal, expansion and upgrade. Where capital projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

Capital funding

Funding to pay for capital expenditure.

Capital grants

Monies received generally tied to the specific projects for which they are granted, which are often upgrade and/or expansion or new investment proposals.

Capital investment expenditure

See capital expenditure definition

Capital new expenditure

Expenditure which creates a new asset providing a new service to the community that did not exist beforehand. As it increases service potential it may impact revenue and will increase future operating and maintenance expenditure.

Capital renewal expenditure

Expenditure on an existing asset, which returns the service potential or the life of the asset up to that which it had originally. It is periodically required expenditure, relatively large (material) in value compared with the value of the components or sub-components of the asset being renewed. As it reinstates existing service potential, it has no impact on revenue, but may reduce future operating and maintenance expenditure if completed at the optimum time, e.g. resurfacing or resheeting a material part of a road network, replacing a material section of a drainage network with pipes of the same capacity, resurfacing an oval. Where capital projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

Capital upgrade expenditure

Expenditure, which enhances an existing asset to provide a higher level of service or expenditure that will increase the life of the asset beyond that which it had originally. Upgrade expenditure is discretionary and often does not result in additional revenue unless direct user charges apply. It will increase operating and maintenance expenditure in the future because of the increase in the council's asset base, e.g. widening the sealed area of an existing road, replacing drainage pipes with pipes of a greater capacity, enlarging a grandstand at a sporting facility. Where capital projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

Carrying amount

The amount at which an asset is recognised after deducting any accumulated depreciation / amortisation and accumulated impairment losses thereon.

Class of assets

See asset class definition

Component

An individual part of an asset which contributes to the composition of the whole and can be separated from or attached to an asset or a system.

Cost of an asset

The amount of cash or cash equivalents paid or the fair value of the consideration given to acquire an asset at the time of its acquisition or construction, plus any costs necessary to place the asset into service. This includes one-off design and project management costs.

Current replacement cost (CRC)

The cost the entity would incur to acquire the asset on the reporting date. The cost is measured by reference to the lowest cost at which the gross future economic benefits could be obtained in

the normal course of business or the minimum it would cost, to replace the existing asset with a technologically modern equivalent new asset (not a second hand one) with the same economic benefits (gross service potential) allowing for any differences in the quantity and quality of output and in operating costs.

Current replacement cost “As New” (CRC)

The current cost of replacing the original service potential of an existing asset, with a similar modern equivalent asset, i.e. the total cost of replacing an existing asset with an as NEW or similar asset expressed in current dollar values.

Cyclic Maintenance**

Replacement of higher value components/sub-components of assets that is undertaken on a regular cycle including repainting, building roof replacement, cycle, replacement of air conditioning equipment, etc. This work generally falls below the capital/ maintenance threshold and needs to be identified in a specific maintenance budget allocation.

Depreciable amount

The cost of an asset, or other amount substituted for its cost, less its residual value (AASB 116.6)

Depreciated replacement cost (DRC)

The current replacement cost (CRC) of an asset less, where applicable, accumulated depreciation calculated on the basis of such cost to reflect the already consumed or expired future economic benefits of the asset

Depreciation / amortisation

The systematic allocation of the depreciable amount (service potential) of an asset over its useful life.

Economic life

See useful life definition.

Expenditure

The spending of money on goods and services. Expenditure includes recurrent and capital.

Fair value

The amount for which an asset could be exchanged or a liability settled, between knowledgeable, willing parties, in an arm's length transaction.

Greenfield asset values **

Asset (re)valuation values based on the cost to initially acquire the asset.

Heritage asset

An asset with historic, artistic, scientific, technological, geographical or environmental qualities that is held and maintained principally for its contribution to knowledge and culture and this purpose is central to the objectives of the entity holding it.

Impairment Loss

The amount by which the carrying amount of an asset exceeds its recoverable amount.

Infrastructure assets

Physical assets of the entity or of another entity that contribute to meeting the public's need for access to major economic and social facilities and services, e.g. roads, drainage, footpaths and cycle ways. These are typically large, interconnected networks or portfolios of composite assets. The components of these assets may be separately maintained, renewed or replaced individually so that the required level and standard of service from the network of assets is continuously sustained. Generally the components and hence the assets have long lives. They are fixed in place and are often have no market value.

Investment property

Property held to earn rentals or for capital appreciation or both, rather than for:

- (a) use in the production or supply of goods or services or for administrative purposes; or
- (b) sale in the ordinary course of business (AASB 140.5)

Level of service

The defined service quality for a particular service against which service performance may be measured. Service levels usually relate to quality, quantity, reliability, responsiveness, environmental, acceptability and cost).

Life Cycle Cost **

The life cycle cost (LCC) is average cost to provide the service over the longest asset life cycle. It comprises annual maintenance and asset consumption expense, represented by depreciation expense. The Life Cycle Cost does not indicate the funds required to provide the service in a particular year.

Life Cycle Expenditure **

The Life Cycle Expenditure (LCE) is the actual or planned annual maintenance and capital renewal expenditure incurred in providing the service in a particular year. Life Cycle Expenditure may be compared to Life Cycle Expenditure to give an initial indicator of life cycle sustainability.

Loans / borrowings

Loans result in funds being received which are then repaid over a period of time with interest (an additional cost). Their primary benefit is in 'spreading the burden' of capital expenditure over time. Although loans enable works to be completed sooner, they are only ultimately cost effective where the capital works funded (generally renewals) result in operating and maintenance cost savings, which are greater than the cost of the loan (interest and charges).

Maintenance and renewal gap

Difference between estimated budgets and projected expenditures for maintenance and renewal of assets, totalled over a defined time (eg 5, 10 and 15 years).

Maintenance and renewal sustainability index

Ratio of estimated budget to projected expenditure for maintenance and renewal of assets over a defined time (eg 5, 10 and 15 years).

Maintenance expenditure

Recurrent expenditure, which is periodically or regularly required as part of the anticipated schedule of works required to ensure that the asset achieves its useful life and provides the required level of service. It is expenditure, which was anticipated in determining the asset's useful life.

Materiality

An item is material if its omission or misstatement could influence the economic decisions of users taken on the basis of the financial report. Materiality depends on the size and nature of the omission or misstatement judged in the surrounding circumstances.

Modern equivalent asset.

A structure similar to an existing structure and having the equivalent productive capacity, which could be built using modern materials, techniques and design. Replacement cost is the basis used to estimate the cost of constructing a modern equivalent asset.

Non-revenue generating investments

Investments for the provision of goods and services to sustain or improve services to the community that are not expected to generate any savings or revenue to the Council, eg. parks and playgrounds, footpaths, roads and bridges, libraries, etc.

Operating expenditure

Recurrent expenditure, which is continuously required excluding maintenance and depreciation, eg power, fuel, staff, plant equipment, on-costs and overheads.

Pavement management system

A systematic process for measuring and predicting the condition of road pavements and wearing surfaces over time and recommending corrective actions.

Planned Maintenance**

Repair work that is identified and managed through a maintenance management system (MMS). MMS activities include inspection, assessing the condition against failure/breakdown criteria/experience, prioritising scheduling, actioning the work and reporting what was done to develop a maintenance history and improve maintenance and service delivery performance.

PMS Score

A measure of condition of a road segment determined from a Pavement Management System.

Rate of annual asset consumption*

A measure of average annual consumption of assets (AAAC) expressed as a percentage of the depreciable amount (AAAC/DA). Depreciation may be used for AAAC.

Rate of annual asset renewal*

A measure of the rate at which assets are being renewed per annum expressed as a percentage of depreciable amount (capital renewal expenditure/DA).

Rate of annual asset upgrade*

A measure of the rate at which assets are being upgraded and expanded per annum expressed as a percentage of depreciable amount (capital upgrade/expansion expenditure/DA).

Reactive maintenance

Unplanned repair work that carried out in response to service requests and management/supervisory directions.

Recoverable amount

The higher of an asset's fair value, less costs to sell and its value in use.

Recurrent expenditure

Relatively small (immaterial) expenditure or that which has benefits expected to last less than 12 months. Recurrent expenditure includes operating and maintenance expenditure.

Recurrent funding

Funding to pay for recurrent expenditure.

Rehabilitation

See capital renewal expenditure definition above.

Remaining life

The time remaining until an asset ceases to provide the required service level or economic usefulness. Age plus remaining life is economic life.

Renewal

See capital renewal expenditure definition above.

Residual value

The net amount which an entity expects to obtain for an asset at the end of its useful life after deducting the expected costs of disposal.

Revenue generating investments

Investments for the provision of goods and services to sustain or improve services to the community that are expected to generate some savings or revenue to offset operating costs, eg public halls and theatres, childcare centres, sporting and recreation facilities, tourist information centres, etc.

Risk management

The application of a formal process to the range of possible values relating to key factors associated with a risk in order to determine the resultant ranges of outcomes and their probability of occurrence.

Section or segment

A self-contained part or piece of an infrastructure asset.

Service potential

The capacity to provide goods and services in accordance with the entity's objectives, whether those objectives are the generation of net cash inflows or the provision of goods and services of a particular volume and quantity to the beneficiaries thereof.

Service potential remaining*

A measure of the remaining life of assets expressed as a percentage of economic life. It is also a measure of the percentage of the asset's potential to provide services that is still available for use in providing services (DRC/DA).

Strategic Management Plan (SA)**

Documents Council objectives for a specified period (3-5 yrs.), the principle activities to achieve the objectives, the means by which that will be carried out, estimated income and expenditure, measures to assess performance and how rating policy relates to the Council's objectives and activities.

Sub-component

Smaller individual parts that make up a component part.

Useful life

Either:

- (a) The period over which an asset is expected to be available for use by an entity, or
- (b) The number of production or similar units expected to be obtained from the asset by the entity.

It is estimated or expected time between placing the asset into service and removing it from service, or the estimated period of time over which the future economic benefits embodied in a depreciable asset, are expected to be consumed by the council. It is the same as the economic life.

Value in Use

The present value of estimated future cash flows expected to arise from the continuing use of an asset and from its disposal at the end of its useful life. It is deemed to be depreciated replacement cost (DRC) for those assets whose future economic benefits are not primarily dependent on the asset's ability to generate new cash flows, where if deprived of the asset its future economic benefits would be replaced.

Source: DVC 2006, Glossary

Note: Items shown * modified to use DA instead of CRC

Additional glossary items shown **

1. EXECUTIVE SUMMARY

Council provides plant and fleet assets in partnership with the community to allow for safe, efficient and effective plant and fleet assets maintained to an agreed standard fit for their contemporary purpose. Council provides plant and fleet assets to ensure:

- The City's facilities and services needs to be met and are optimally used.
- The City's infrastructure, assets and equipment are maintained, renewed and expanded using the most cost effective and reliable equipment.
- To assist staff complete their daily duties and task efficiently.
- The City's urban development strategy is enhanced.

What does council provide?

The range of assets covered by this plan includes:

- Light vehicles
- Registered Plant
- Unregistered Plant
- Caravans
- Small equipment
- Caravans/Trailers

60% of these assets are rated as being in 'good' or better condition, meaning that they are serviceable but significant maintenance is required.

Council undertakes a regular community satisfaction survey to assist in determining whether the current level of asset provision is acceptable to the community. This information, plus engagement with user groups, will help Council to establish the required levels of service, and build this into future versions of this plan.





What does it cost?

Council needs to consider the total life cycle cost of an asset when preparing an asset management plan. This includes the cost to create/construct/purchase the asset, maintenance over the lifetime of the asset and disposal. Currently there is a significant shortfall between the projected costs and the budget available to renew plant and fleet assets over the next ten years. This means that the current spending pattern is not sustainable, and will ultimately result in a decrease in service levels.

Councils is aware of this problem, and is looking at a number of ways to address it. These include:

- Increasing revenue streams rates and user charges or loan borrowings.
- Analysing the implications of a reduced level of service.
- Deferring capital upgrades or new works and reallocating funds to asset renewal.

There are three key indicators of cost to provide the plant and fleet services.

- The life cycle cost being the average cost over the life cycle of the asset,
- The utilisation of the assets and hourly costs to set up a replacement program, and
- The total maintenance and capital renewal expenditure required to deliver existing service levels in the next 10 years covered by Council's long term financial plan.

The life cycle cost to provide the plant and fleet service is estimated at \$11 500 000 per annum. Council's planned life cycle expenditure for year 1 of the asset management plan is \$10 284 227 which gives a life cycle sustainability index of 0.89. The total maintenance and capital renewal expenditure required to provide the plant and fleet service in the next 10 years is estimated at \$115 000 000. Council's maintenance and capital renewal expenditure for year 1 of the asset management plan of \$10 284 227 giving a 10 year sustainability index of 0.89.

How do we measure our performance?

Quality

Plant and fleet assets will be maintained in a reasonably usable condition. Defects found or reported that are outside our service standard will be repaired. See our maintenance response service levels and Key Performance Indicators (KPIs) for details of defect prioritisation and response time.

Function

Our intent is that an appropriate plant and fleet asset group is maintained in partnership with other levels of government and stakeholders to ensure that the city's needs are catered with use of well-maintained assets.

Plant and fleet assets attributes will be maintained at a safe level and associated equipment will be provided as needed to ensure public and employee safety. We need to ensure key functional objectives are met:

- Maintain a safe and functional plant and fleet portfolio.
- Plant and Fleet assets are maintained, renewed and replaced at the required time and that the services are delivered effectively and efficiently to best meet the needs of the community.
- The operation and maintenance of the Plant and Fleet services does not have an adverse effect on the environment, and does not cause damage to private properties or public places.
- Maintain the assets to an agreed standard fit for their purpose

The main functional consequence of ensuring the Plant and Fleet services is maintained at a safe and functional standard as set out in this Asset Management Plan is the continued provision of well-kept facilities and assets that are maintained, renewed and replaced with the use of highly reliable plant equipment and fleet vehicles in the Penrith Local Government Area at the highest level acceptable by the community and in compliance with the standards, specifications and legislations.

Safety

We inspect all plant and fleet regularly and prioritise and repair defects in accordance with our inspection schedule to ensure they are safe.

What happens next?

Council plans to operate and maintain plant and fleet assets to achieve the following strategic objectives:

1. Purchase and Supply plant and vehicles in consultation with users to meet customers approved level of service.
2. Maintain optimum value of Council's fleet.
3. Minimise whole-of-life cost of ownership of fleet.
4. Provide service that minimises the impact on customers operation.
5. Ensure plant and vehicles are available to satisfy customer's requirements.
6. Optimise the utilisation of Council's fleet.
7. Ensure that plant and fleet assets are safe, well maintained and are provided with equipment and has emergency equipment installed that is in keeping with contemporary needs.

Council commissioned an Asset Management Gap analysis and Improvement Plan which were completed in late 2009. The recommendations of these documents are now being implemented, with a view to that process being completed in 2012. This will result in significant improvements in Council's asset management practices.

This plan will be updated as asset management practices change and as the value and make-up of the plant and fleet assets group changes. Significant variations in finance and budget will also be incorporated into future versions of this plan. It is anticipated that this plan will be updated annually, with a significant review occurring every four years.



2. INTRODUCTION

2.1 Background

The plant and fleet assets owned and maintained by Council represent our commitment to provide to our communities and Council staff the required equipment to enable them to provide service, repair, maintain and construct new and current infrastructure. They provide an opportunity for Council to have control over the renewal and capital works to be carried out without having to engage an extensive amount of contractors and external parties. The provision of plant and assets in a variety of forms is becoming even more important as we develop as a regional city. Well developed and utilised plant and fleet represents a strong and stable Council capable of providing a variety of reliable services to the community. As a growing regional city, plant and fleet assets play an important role in providing equipment and machinery for ensuring we are maintaining, repairing and renewing our assets to the level of standards required.

Given this, it is critical that council maintains these assets so that they are safe, usable and provide a reasonable level of service to the community. This Asset Management Plan has been prepared to provide a context and framework for the management of all assets that fall within the plant and fleet asset portfolio. Some of the issues which need to be addressed are common to all forms of assets, while others are more specific. This plan demonstrates responsible management of Council's open space assets, compliance with the regulatory requirements, and explains the funding necessary to provide the required levels of service.

This plan should be read in conjunction with the following documents:

- Plant and Fleet Service Specification
- Community Strategic Plan 2031
- Penrith's Resource Strategy 2011 – 2021



This asset management plan covers the following infrastructure assets:

Table 1.1 Assets covered by this Plan

Asset Category	Number	Replacement Value
Light Vehicles (e.g. Passenger cars, utilities but excl. trade staff utilities and vans)	212	\$5,950,279
Registered Plant (e.g. street sweepers, trucks, community buses and tractors and trade staff utilities and vans)	220	\$12,441,016
Unregistered Plant (not intended to be driven on the road, eg ride-on mowers, small road rollers)	55	\$998,633
Equipment (eg depot forklift, wacker rammers, welding machine but excl. whipper snippers, hedgers, blowers, etc)	35	\$178,673
Emergency vehicles (eg trucks, utes and people movers used by Rural Fire Service and State Emergency Service)	41	\$4,226,568
Total	563	\$23,795,169.00

*****The light vehicles excludes the Council's trade staff utilities and vans.***

Key stakeholders in the preparation and implementation of this asset management plan are listed in Table 1.2.

Table 1.2 Internal Stakeholders

Penrith City Council	Fleet Officer
	Financial Services Officers
	Depot Staff including workshop staff, field supervisors &
	Fleet Co-ordinator
	Light vehicle users

External Stakeholders are listed in Table 1.3.

Table 1.3 External Stakeholders

Local Government Association
Federal and State Government
Community
Visitors
Insurers
Plant and vehicle dealers who supplied items
Spare parts suppliers including tyre suppliers
Contractors supporting workshop operations e.g. electrical and mechanical businesses
Approved accident repair firms

2.2 Goals and Objectives of Asset Management

The Council exists to provide services to its community. Some of these services are provided by infrastructure assets. Council has acquired infrastructure assets by 'purchase', by contract, construction by council staff and by donation of assets constructed by developers and others to meet increased levels of service.

Council's goal in managing infrastructure assets is to meet the required level of service in the most cost effective manner for present and future consumers. The key elements of infrastructure asset management are:

- Taking a life cycle approach,
- Developing cost-effective management strategies for the long term,
- Providing a defined level of service and monitoring performance,
- Understanding and meeting the demands of growth through demand management and infrastructure investment,
- Managing risks associated with asset failures,
- Sustainable use of physical resources,
- Continuous improvement in asset management practices.¹

¹ IIMM 2006 Sec 1.1.3, p 1.3

This asset management plan is prepared under the direction of Council's vision, mission, goals and objectives.

Council's vision is:

One of a sustainable and prosperous region with a harmony of urban and rural qualities with a strong commitment to environmental protection and enhancement. It would offer both the cosmopolitan lifestyles of a mature city and the casual character of a rural community.

Council's mission is:

Is to implement council's strategy and program. It will do this through skilled and responsive management, by valuing its staff, partnerships and community involvement, by providing quality customer service and upholding ethical standards and behaviour.

Relevant Council goals and objectives and how these are addressed in this asset management plan are:

Table 2.2 Council Goals and how these are addressed in this Plan

Goal	Objective	How Goal and Objectives are addressed in IAMP
4. A Council that manages its finances, services and assets effectively	Implementation of Asset Management Plan	An Asset Management Strategy is in operation for civil infrastructure that optimises its use and maintains it to agree standards fit for its contemporary purpose.
17. A City with infrastructure that responds to community needs	To improve and support the wellbeing, health and safety of the Penrith community. Asset Management Strategy. Effective community involvement in asset investment decision making. Ensure mechanical parts are safe. Promote and enhance the 'liveability' of Penrith.	Demand Forecasting, Level of Service and Monitoring: The section of this IAMP dealing with future demand, analyses future cash flows required to maintain the City's expanding Plant and Fleet collection. Provision of good Asset Management practices and analysis.
4. A Council that manages its finances, services and assets effectively	To improve economic prosperity of the region.	Financial Summary: Maintenance works are optimised against the asset renewal program.

<p>11.2 Protect and conserve the natural areas under Council's responsibility</p> <p>11.1 Work with others to protect and conserve the River, waterways and catchments, and natural environments</p> <p>10.1 Engage our communities by creating opportunities for participation, listening, providing information, and responding</p> <p>3. A Council that plans responsibly for a sustainable future</p>	<p>A leading and action focused Council for the environment.</p> <p>Water resources and ecosystems protected and conserved.</p> <p>Sustainable use of energy.</p> <p>A City renowned for its trees.</p> <p>Build and support opportunities for connection, trust and interaction in the community.</p> <p>Promote community pride reflecting on past and present achievements and future possibilities.</p> <p>Create partnerships with community, volunteers and government agencies to build a safe community.</p> <p>Sustainable community finances and assets.</p> <p>Effective delivery of services to the community.</p>	<p>Expenditure data available to assist in decision making</p> <p>Demand forecasting analysis</p> <p>Technology Change:</p> <p>Improving materials used in plant vehicle to reflect green ideas.</p> <p>Appropriate use of plant and fleet to minimise loss of natural habitat and enhance the environment.</p> <p>Demand Forecasting and Lifecycle Management:</p> <p>Support, provide and maintain community facilities as focal points for community involvement, learning, leisure and sporting activities.</p> <p>Continue to work together with Police. In partnership with services and the community, develop an Emergency Prevention, Response and Recovery Plan.</p> <p>Long term planning for the future operation, maintenance, renewal, disposal of assets and improvement of this plan and practices.</p> <p>Setting levels of service, both technical and customer focussed, to ensure services are delivered effectively.</p>
---	--	---

2.3 Plan Framework

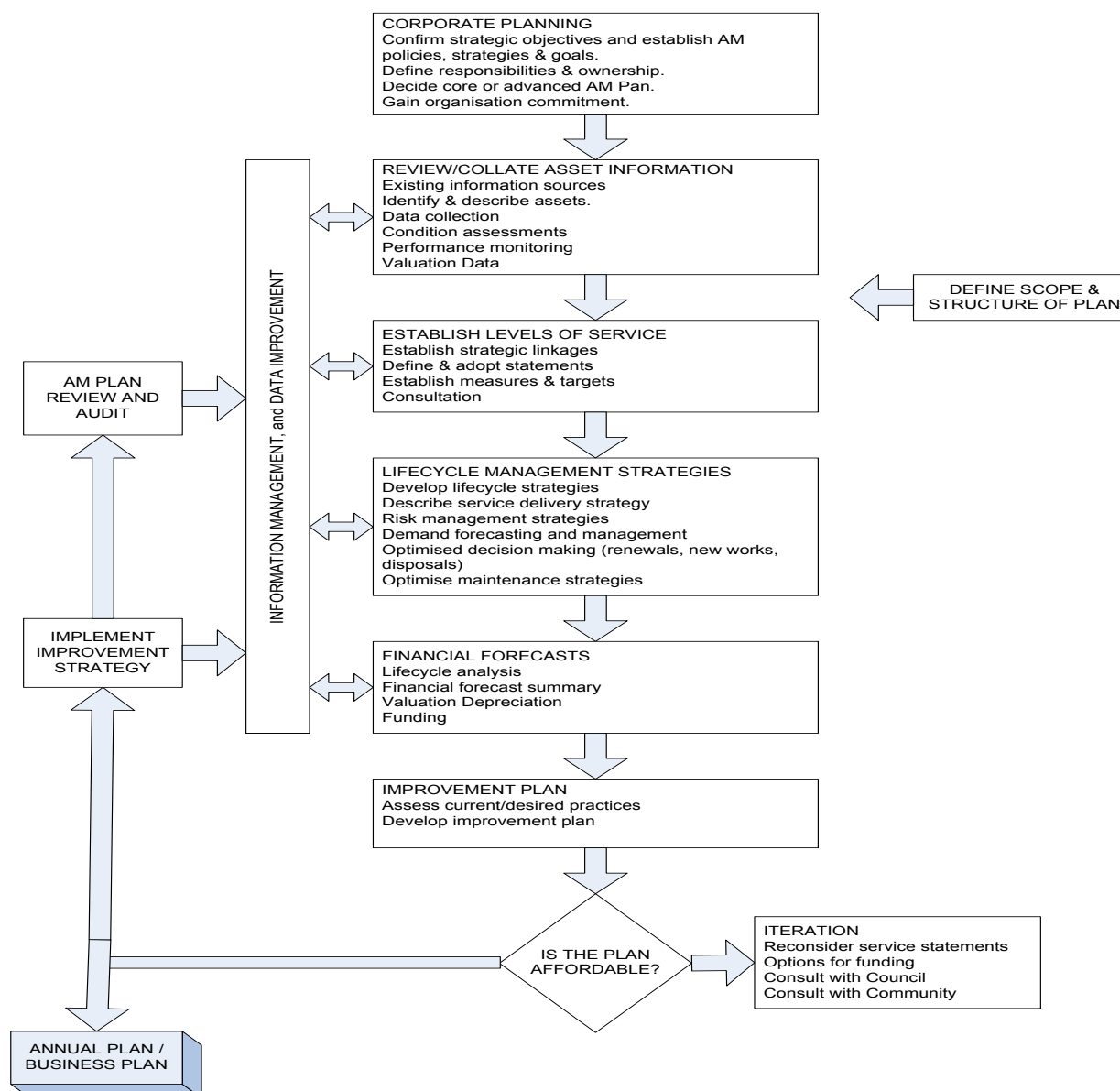
Key elements of the plan are

- Levels of service – specifies the services and levels of service to be provided by council.
- Future demand – how this will impact on future service delivery and how this is to be met.
- Life cycle management – how Council will manage its existing and future assets to provide the required services
- Financial summary – what funds are required to provide the required services.
- Asset management practices
- Monitoring – how the plan will be monitored to ensure it is meeting Council's objectives.
- Asset management improvement plan

A road map for preparing an asset management plan is shown below.

Road Map for preparing an Asset Management Plan

Source: IIMM Fig 1.5.1, p 1.11



2.4 Core and Advanced Asset Management

This asset management plan is prepared as a 'core' asset management plan in accordance with the International Infrastructure Management Manual. It is prepared to meet minimum legislative and organisational requirements for sustainable service delivery and long term financial planning and reporting. Core asset management is a 'top down' approach where analysis is applied at the 'system' or 'network' level.

Future revisions of this asset management plan will move towards 'advanced' asset management using a 'bottom up' approach for gathering asset information for individual assets to support the optimisation of activities and programs to meet agreed service levels.

3. LEVELS OF SERVICE

3.1 Customer Research and Expectations

Council participates in the 2009 Comparative Performance Measures in Local Government Customer Satisfaction survey. This survey polls a sample of residents on their level of satisfaction with Council's services. It is to be noted that plant and fleet are not typically subject to public survey. The following is based on staff evaluation of assets.

Table 3.1 Community Satisfaction Survey Levels

Performance Measure	Satisfaction Level				
	Very Satisfied	Fairly Satisfied	Satisfied	Somewhat satisfied	Not satisfied
Provision of plant and fleet equipment.		✓			
Maintenance of plant and fleet equipment.		✓			
Plant and Fleet equipment achieving utilisation targets.			✓		
Plant and Fleet equipment operating efficiently and effectively.			✓		

Council uses this information in developing the Strategic Management Plan and in allocation of resources in the budget.

3.2 Legislative Requirements

Council has to meet many legislative requirements including Australian and State legislation and State regulations. These include but not limited:

Table 3.2 Legislative Requirements

Legislation	Requirement
Local Government Act	Sets out role, purpose, responsibilities and powers of local governments including the preparation of a long term financial plan supported by asset management plans for sustainable service delivery.
Protection of the Environment Operations Act 1998	Sets out the role, purpose, responsibilities and powers of Council relating to protection and preservation of the environment.
Occupational Health and Safety Act 2000	<ul style="list-style-type: none">• Impacts all operations.• Note public safety – insurance.• Cost implications.• Council's responsibility to ensure health, safety and welfare of employees and others at places of work.
Roads Act 1993	Provides the legislative requirements, via delegation for road rule legalities for the purpose of Council implementing the associated traffic control devices and temporary road closures.
RTA Legislation	The Roads and Traffic Authority (RTA) has been set up to administer the various state roads and transport related regulations.
NSW Motor Traffic Act 1909 No. 5	Sets out regulations required to be adhered to whilst driving on a public road way.
Australian Standard AS1636.1	Sets out the standards for acceptable roll-over protection structures (ROPS) for tractors.

3.3 *Current Levels of Service*

The levels of service that is currently in use by the Assets Team are derived using historical budget information, internal consultation with stakeholders, statutory requirements and a corporate customer service request system (CRS).

Community levels of service relate to how the community receives the service in terms of safety, quality, quantity, reliability, responsiveness, cost / efficiency and legislative compliance.

Supporting the community service levels are operational or technical measures of performance developed to ensure that the minimum community levels of service are met. These technical measures relate to service criteria such as:

- Maintenance is work undertaken to ensure that plant and fleets assets continue to meet the required performance and standard throughout its useful life.
- There are two main strategies of maintenance approach, namely “preventive” maintenance and “reactive” maintenance.
- Preventive maintenance – the actions performed to retain an item or asset in its original condition as far as practicable by providing systematic inspection, detection and prevention of incipient failure. Preventive maintenance is normally programmed.
- Reactive maintenance – the actions performed, as a result of failure, to restore an item or asset to its original condition, as far as practicable. Reactive maintenance may or may not be programmed.

E.g. Service Criteria

Quality
Quantity
Availability
Safety

E.g. Technical measures may relate to

The level of serviceability of assets
Amount of plant and fleet available
Strategic locations of depots
Number of injury accidents

Council’s current service levels are detailed in Table 3.3.

Table 3.3 Current Service Levels

Key Performance Measure	Level of Service	Performance Measure Process	Performance Target	Current Performance
COMMUNITY LEVELS OF SERVICE				
Quality	Provide quality plant for the use of staff and the community where necessary.	CRS and Inspections.		
Function	To provide a diverse range of plant and fleet within the City which ensures that user requirements are met.	Survey and Council Strategy.	100% subject to budget	
Safety	To provide a safe hazard free plant and equipment	Reported mechanical malfunctions, accidents and incidents.	Attend to on same working day as incident arises.	
Sustainability	Plan and fleet are managed for future generations.	Forecasting future users for the plant and fleet (demographics).	Incorporate in replacement/ improvement program	
TECHNICAL LEVELS OF SERVICE				
Condition	CRS, Inspections, maintenance program and Independent audits.	CRS, Inspections, maintenance program and Independent audits.	Respond to CRS within 7 working day.	
Cost effectiveness	The plant and fleet are managed efficiently for the required level of service.	Effectively manage within allocated resources.	Within +/- 5% of budget.	
Safety	To provide a safe hazard free plant and equipment.	Inspections as per Standards.	Daily inspection by operator. Maximum monthly inspection by workshop.	
Serviceability/ Quality	To maintain the quality and quantity of plant	Percentage of assets inspected, cleaned and	>85%	

	and fleet asset which are usable.	maintained in accordance with the preventative maintenance plan. Audit of plant and fleet assets at key seasonal times during the year	
Environmental	Mitigate environmental impacts of Council activities	Investigate latest clean technology and audit process of maintenance.	Efficient maintenance and use of plant and fleet assets

3.4 Desired Levels of Service

At present, indications of desired levels of service are obtained from various sources including the 2009 Customer Satisfaction survey, users' feedback to Councillors and staff, service requests and correspondence. Council has yet to quantify desired levels of service. This will be done in future revisions of this asset management plan.

The following principles are adopted in delivering levels of service in relation to plant and fleet assets:

- (a) Safe for users
- (b) Appearance is acceptable
- (c) Regular maintenance is undertaken
- (d) Facilities are appropriate and in good condition
- (e) Facilities are operational
- (f) Accessible to all people of all abilities
- (g) Regular asset inspections are carried out
- (h) Signage is appropriate
- (i) Council responds to complaints and issues.

4. FUTURE DEMAND

4.1 Demand Forecast

Factors affecting demand include population change, changes in demographics, seasonal factors, vehicle ownership, consumer preferences and expectations, economic factors, agricultural practices, environmental awareness, etc.

Demand factor trends and impacts on service delivery are summarised in Table 4.1.

Table 4.1 Demand Factors, Projections and Impact on Services

Demand factor	Present position			Projection (2020)			Impact on services
Population	177,152 (2006 Census)			189,052			Increase in maintenance and renewal costs
Demographics (By age group)	0 to 4	13,154	7.4%	0 to 4	13,229	7.0%	Increased demand to maintain more facilities requiring an increase in plant material and/or improvements.
	5 to 9	13,225	7.5%	5 to 9	12,934	6.8%	
	10 to 14	13,709	7.7%	10 to 14	12,521	6.6%	
	15 to 19	13,840	7.8%	15 to 19	13,060	6.9%	
	20 to 24	14,553	8.2%	20 to 24	14,698	7.8%	
	25 to 29	13,688	7.7%	25 to 29	15,289	8.1%	
	30 to 34	13,737	7.8%	30 to 34	14,459	7.6%	
	35 to 39	12,826	7.2%	35 to 39	13,381	7.1%	
	40 to 44	12,668	7.2%	40 to 44	12,277	6.5%	
	45 to 49	12,932	7.3%	45 to 49	11,889	6.3%	
	50 to 54	11,628	6.6%	50 to 54	11,028	5.8%	
	55 to 59	10,450	5.9%	55 to 59	10,501	5.6%	
	60 to 64	6,641	3.7%	60 to 64	9,635	5.1%	
	65 to 69	4,535	2.6%	65 to 69	8,306	4.4%	
	70 to 74	3,334	1.9%	70 to 74	6,681	3.5%	
	75 to 79	2,728	1.5%	75 to 79	4,195	2.2%	
	80 to 84	2,064	1.2%	80 to 84	2,770	1.5%	
	85 +	1,430	0.8%	85 +	2,226	1.2%	
Fashion & Trends	New contemporary facilities			'New' infrastructure and green trends			Increased costs in establishing and purchasing plant and fleet that will meet the maintenance demand of new contemporary facilities.
Environment	Utilisation based on service specification not necessarily sustainable.			A more sustainable approach to use Council resources.			Additional cost in establishment of new systems and networks to increase sustainable and environmentally sound processes that will have utilised Council plant and fleet assets sustainably.

4.2 Changes in Technology

Technology changes are forecast to affect the delivery of services covered by this plan in the following areas.

Table 4.2 Changes in Technology and Forecast effect on Service Delivery

Technology Change	Effect on Service Delivery
Greenhouse reducing plant and fleet asset	A more efficient and sustainable service delivery.
Improvement to plant efficiency	Ability to achieve more output with same item of machinery e.g. ride-on mower with improved manoeuvrability and wider mowing widths.



4.3 Demand Management Plan

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets and providing new assets to meet demand and demand management. Demand management practices include non-asset solutions, insuring against risks and managing failures.

Opportunities identified to date for demand management are shown in Table 4.3. Further opportunities will be developed in future revisions of this asset management plan.

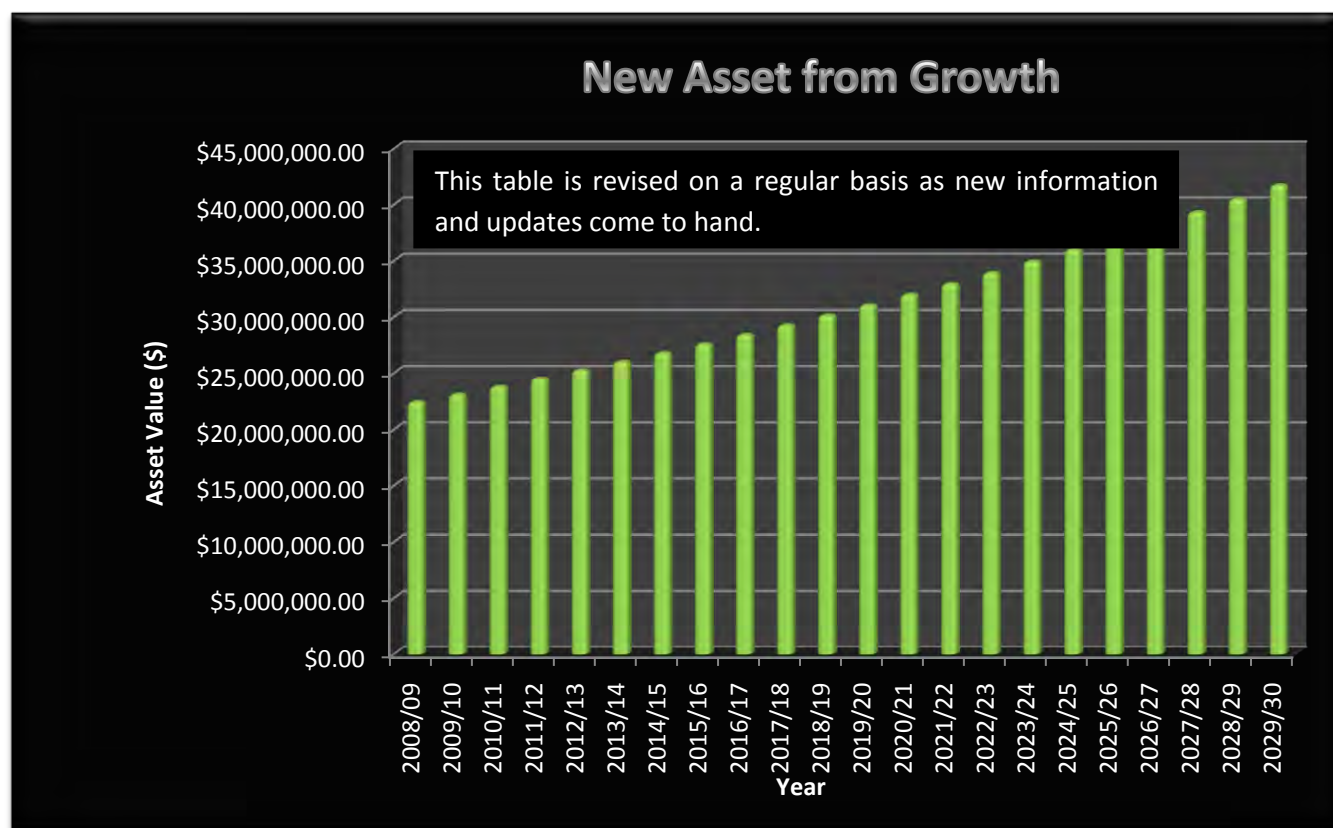
Table 4.3 Demand Management Plan Summary

Service Activity	Demand Management Plan
Planning	
Financial	Developing long term Financial Management Plans to ensure financial sustainability.
Customer Service Delivery	To ensure that the services required (via surveys) are driving the demand for our Plant and Fleet assets.

4.4 New Assets from Growth

The new assets required to meet growth will be determined from developments and increased services made by Council. In addition extra plant and fleet items needed for the increased services will be dependent upon the method of service delivery, either by day labour or by outsourcing the activities. Therefore the new asset values are indicative only and are summarised in Fig 1.

Fig 1 New Asset from Growth



5. LIFECYCLE MANAGEMENT PLAN

The lifecycle management plan details how Council plans to manage and operate the assets at the agreed levels of service (defined in section 3) while optimising life cycle costs.

5.1 Background Data

5.1.1 Physical parameters

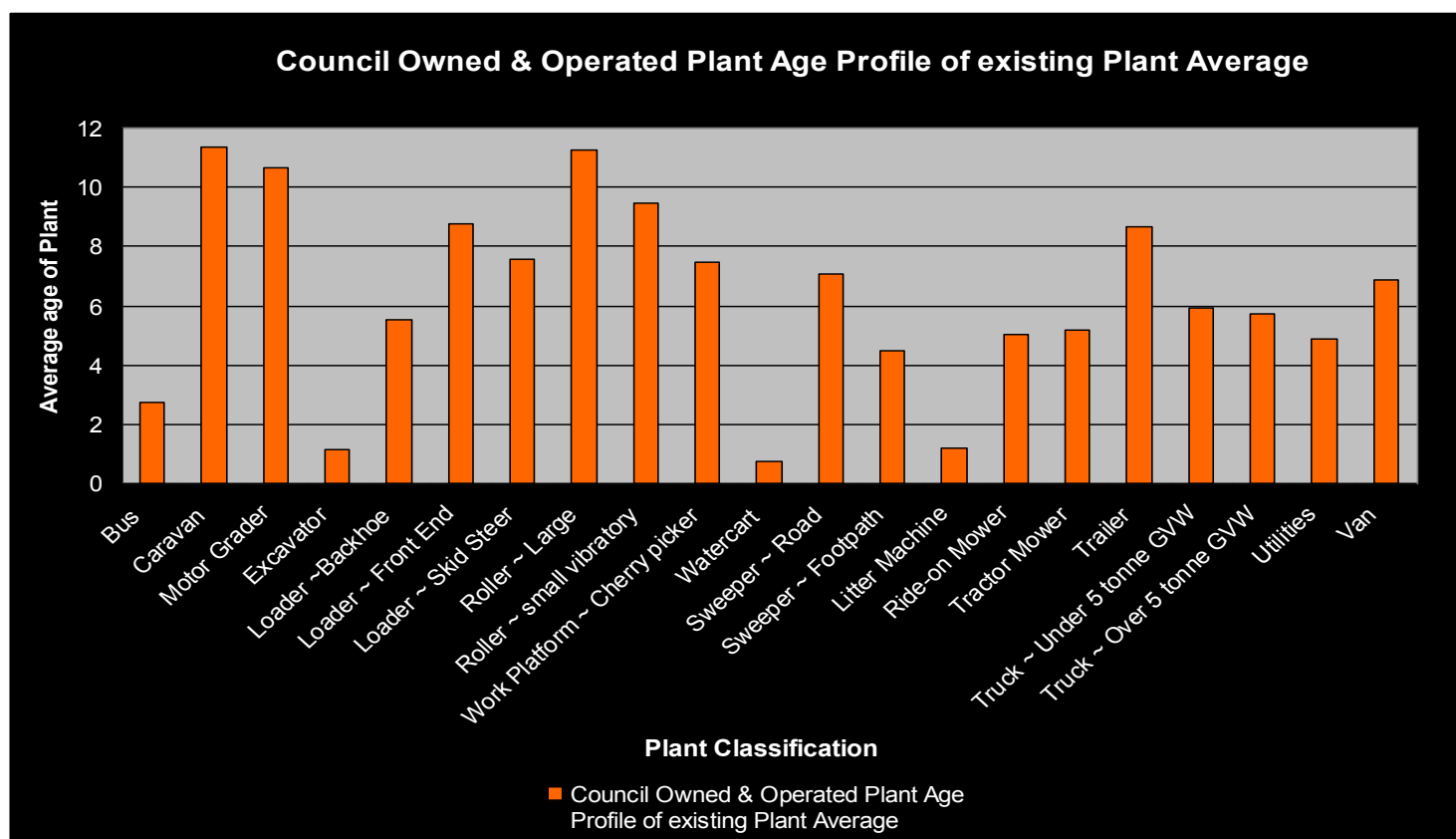
The assets covered by this asset management plan are shown below.

Asset Category	Number
Light Vehicles (e.g. Passenger cars, utilities but excl. trade staff utilities and vans)	212
Registered Plant (e.g. street sweepers, trucks, community buses and tractors and trade staff utilities and vans)	220
Unregistered Plant (not intended to be driven on the road, eg ride-on mowers, small road rollers)	55
Equipment (eg depot forklift, wacker rammers, welding machine but excl. whipper snippers, hedgers, blowers, etc)	35
Emergency vehicles (eg trucks, utes and people movers used by Rural Fire Service and State Emergency Service)	41
Total	563

Penrith City Council has a very large mix of Plant and Fleet assets compliant with the standards and specifications referred to in this Asset Management Plan. The plant and fleet assets used by Council are suitable to providing and meeting the service requirements of a growing city. Council plant and fleet assets' utilisation are optimised to ensure that the asset replacement programs are highly cost effective. Improvements are forecasted to ensure that the assets of Council are of the highest quality, sustainably and economically viable and so that the *rapid changes* in community needs are appropriately addressed.

The age profile of Council's assets is shown below.

Fig 2 Asset Age Profile



5.1.2 Asset capacity and performance

Council's services are generally provided to meet design standards where these are available.

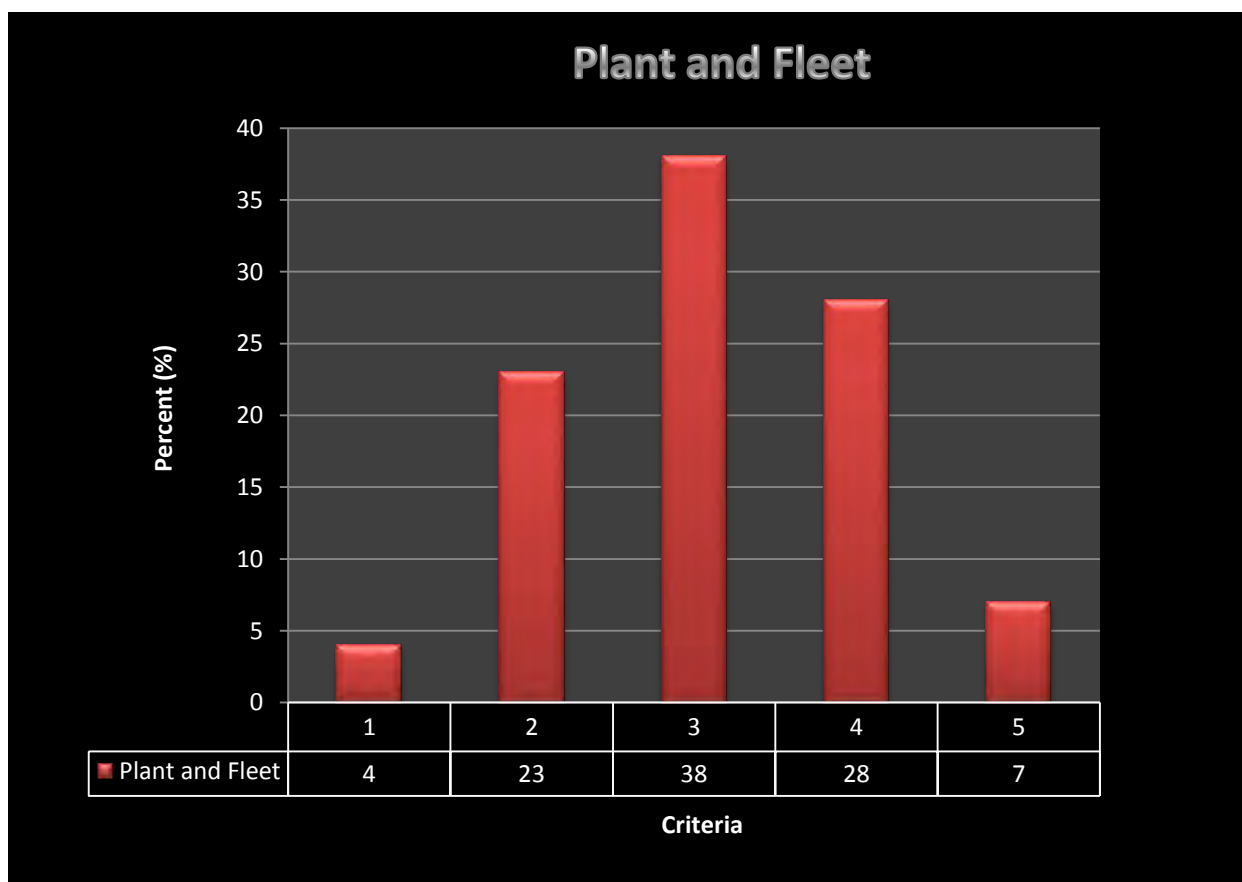
Locations where deficiencies in service performance are known they are detailed in Table 5.1.2.

Table 5.1.2 Known Service Performance Deficiencies

Component	Service Deficiency
Plant	Internal 'plant recharges' need to match the total operating and plant replacement annual expenditures.
Systems	Manual systems should be a centralised automated system.
Management	Greater rationalisation of plant needs to be under taken to eliminate any duplication between different sections of Council.

5.1.3 Asset condition

The condition profile of Council's assets is shown below.



Condition is measured using a 1 – 5 rating system.²

Rating	Description of Condition
1	Excellent condition: Only planned maintenance required.
2	Very good: Minor maintenance required plus planned maintenance.
3	Good: Operating within its designed lifecycle with planned maintenance plus occasional unscheduled repairs.
4	Average: greater unscheduled repairs required and significant major mechanical replacements.
5	Poor: Significant renewal/upgrade required.

² IIMM 2006, Appendix B, p B:1-3 ('cyclic' modified to 'planned')

5.1.4 Asset valuations

The value of assets as at 30 June 2010 covered by this asset management plan is summarised below. Assets were last revalued at July 2010. Assets are valued at current rates.

Current Replacement Cost	\$23,795,169.00
Depreciable Amount	\$23,795,169.00
Depreciated Replacement Cost	\$19,195,169.00
Annual Depreciation Expense	\$4,600,000.00

Council's sustainability reporting reports the rate of annual asset consumption and compares this to asset renewal and asset upgrade and expansion.

Asset Consumption	3.00%
Asset renewal/replacement	17.2% [Replacement Budget/Current Replacement Cost]
Annual Upgrade/expansion	0% [Capital Works/CRC]

5.2 Risk Management Plan

An assessment of risks³ associated with service delivery from infrastructure assets has identified critical risks to Council. The risk assessment process identifies credible risks, the likelihood of the risk event occurring, the consequences should the event occur, develops a risk rating, evaluates the risk and develops a risk treatment plan for non-acceptable risks.

Critical risks, being those assessed as 'Very High' - requiring immediate corrective action and 'High' - requiring prioritised corrective action. Council has a separate Risk Management Plan which is used to assess the risks of all assets in the Asset Management Plan for Plant and Fleet. Please refer to Council's Service Risk Assessment Document.

Climate change is an emerging field of possible risk to the lifecycle management of existing and new assets. The NSW Government Guidelines Economic Appraisal (TPP 07-05) has been updated to reflect upon growing concerns on the possible effects that climate change may have on Asset and Infrastructure Assessments.

An economic appraisal assists efficient public sector resource allocation decisions, by systematically analysing all the quantifiable and non-quantifiable costs and benefits - economic, social and environmental - of various ways of meeting a service objective. Economic appraisal (cost benefit analysis; cost effectiveness analysis) is the standard evaluation framework for resourcing decisions. It is applicable to policy evaluation and analysis of recurrent programs as well as capital projects, to assist decision making.

Plant and Fleet and Vehicle assets will be maintained and purchased taking into account any risk arising from Climate Change. Risk management for climate change related concerns will form part of the Council's Risk Management Tool kit and asset planning strategies will be formed to adapt to possible uncertain risk from climate change. A key method to aid in the effective use of funding is through the

³ Refer to Penrith City Council's Risk Management Tool Kit and Resource Strategy

economic appraisal of plant and fleet and vehicle assets to determine adaptability to climate change. This method will assist in determining which assets require replacing or upgrading and that this asset class will be assessed within a standard cost benefit framework (economic appraisal of the costs and benefits of various options to achieve a service objective) in accordance with *NSW Government Guidelines for Economic Appraisal*.

Refer to NSW Treasury Circular NSW TC10/12 15 September 2010 for more information.

5.3 Routine Maintenance Plan

Routine maintenance is the regular on-going work that is necessary to keep assets operating, including instances where portions of the asset fail and need immediate repair to make the asset operational again.

5.3.1 Maintenance plan

Maintenance includes reactive, planned and cyclic maintenance work activities.

Reactive maintenance is unplanned repair work carried out in response to service requests and management/supervisory directions.

Planned maintenance is repair work that is identified and managed through a maintenance management system (MMS). MMS activities include inspection, assessing the condition against failure/breakdown experience, prioritising, scheduling, actioning the work and reporting what was done to develop a maintenance history and improve maintenance and service delivery performance.

Cyclic maintenance is replacement of higher value components/sub-components of assets that is undertaken on a regular cycle including repainting, building roof replacement, etc. This work generally falls below the capital/maintenance threshold.

Maintenance expenditure trends are shown in Table 5.3.1

Table 5.3.1 Maintenance Expenditure Trends

Year	Maintenance Expenditure		
	Motor Vehicles	Plant and equipment	Total
2009/10	\$222,875	\$1,586,472	\$1,809,347

Maintenance expenditure levels are considered to be adequate to meet required service levels. Future revision of this asset management plan will include linking required maintenance expenditures with required service levels.

Assessment and prioritisation of reactive maintenance is undertaken by Council staff using experience and judgement.

5.3.2 Standards and specifications

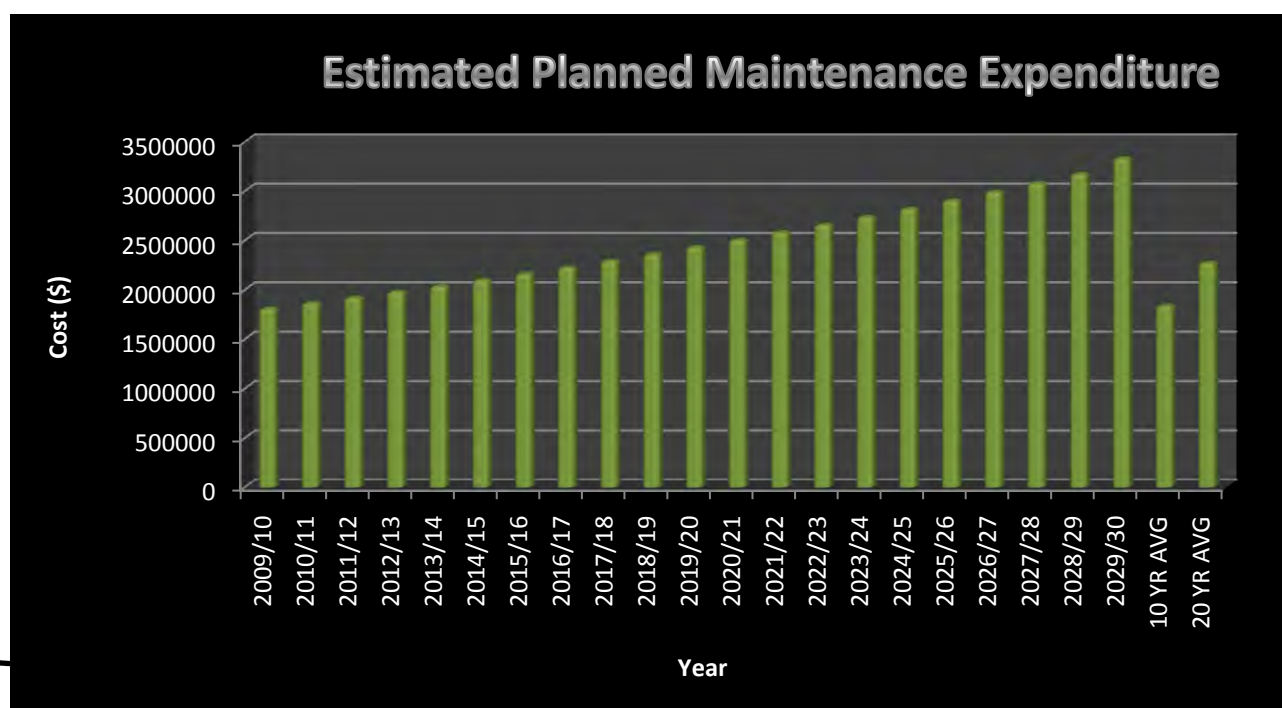
Maintenance work is carried out in accordance with the following Standards and Specifications.

- Local Government Act 1993
- Protection of the Environment Operations Act 1998
- Occupational Health and Safety Act 2000
- Roads Act 1993
- Council's Probity and Governance Policies
- Council's Customer Service Charter
- All plant and vehicles shall be maintained to the manufacturer's specification and comply with RTA, EPA and Work Cover regulations.
- All plant and vehicles shall be serviced to Council's schedule based on manufacturer's recommendation
- Plant and vehicle purchases and disposal shall be in accordance with Council's Policy and the Local Government Act (1993)
- Workshop facilities shall be maintained in accordance with the Motor Vehicle Repair Industry Council (MVRIC) Recommendations and RTA Regulations for inspection station, EPA and Work Cover regulations
- Manufacturer's genuine parts shall be used for all maintenance and repairs during warranty period
- Beyond the warranty period only genuine parts or Australian Standard approved parts shall be used to maintain the plant integrity
- All fuels, oils and lubricants used for maintenance of plant and vehicles shall be in accordance with the Australian Standard.
- Adopted Service Specification
- Manufacturer Operator Manual ~ Sets out the frequency and necessary service maintenance activities to retain a safe operating vehicle or plant.

5.3.3 Summary of future maintenance expenditures

Future maintenance expenditure is forecast to trend in line with the value of the asset stock as shown in Fig 4. Note that all costs are shown in current 2009/10 dollar values.

Fig 4 Projected Maintenance Expenditure



Deferred maintenance, i.e. works that are identified for maintenance and unable to be funded are to be included in the risk assessment process in the infrastructure risk management plan.

Maintenance is funded from Council's operating budget and grants where available. This is further discussed in Section 6.2.

5.4 Renewal/Replacement Plan

Renewal expenditure is major work which does not increase the asset's design capacity but restores, rehabilitates, replaces or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is upgrade/expansion or new works expenditure.

5.4.1 Renewal/Replacement plan

Assets requiring replacement are identified from the estimates of remaining life, reliability and unscheduled "break downs", utilisation and timing for major mechanical repairs. Candidate proposals are inspected to verify accuracy of remaining life and to develop a preliminary replacement estimate. Verified proposals are ranked by priority and available funds and scheduled in future replacement programmes. The priority ranking criteria is detailed in Table 5.4.1 with obviously any Occupational Health & Safety concerns being given highest priority.

Criteria	Weighting
Safety	50%
Reliability & non scheduled maintenance repairs	20%
Plant utilisation	15%
Cost effective time to trade-in (Whole of life costing)	10%
Replacement time for major mechanical components	5%
TOTAL	100%

5.4.2 Replacement standards

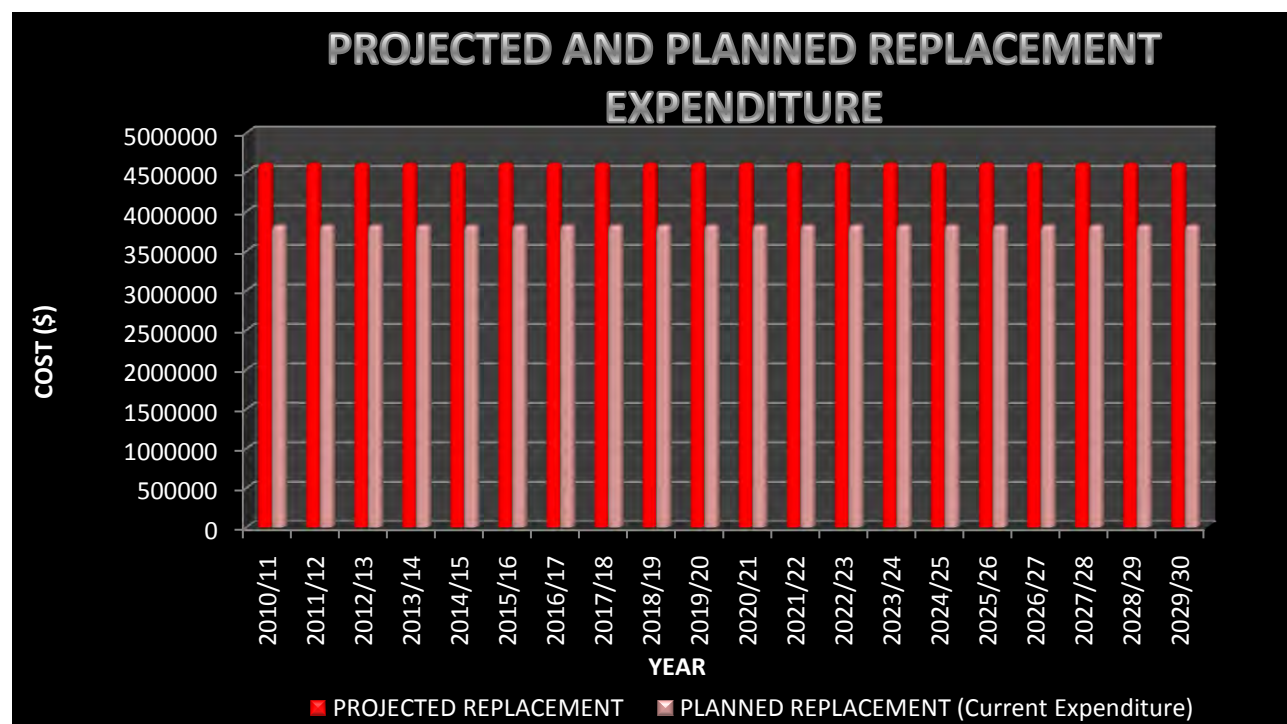
Replacements are carried out in accordance with the following Standards and Specifications and those referred to in section 5.3.2 and 7.1.

- Penrith City Council Service Specifications
- Australian/New Zealand Standards
- RTA Legislation
- Local Government Act 1993
- Council's Probity and Governance Policies
- Council's Customer Service Charter

5.4.3 Summary of future replacement expenditure

Projected future replacement expenditures are forecast to remain constant over time as the asset stock ages with aid of regular funding each financial year. The costs are summarised in Fig 5. Note that all costs are shown in current 2009/10 dollar values.

Fig 5 Projected Replacement Expenditure



Deferred replacement, i.e. those assets identified for replacement and not scheduled for replacement in the replacement programs are to be included in the risk assessment process in the risk management plan.

5.5 Standards and specifications

Standards and specifications for new assets and for upgrade/expansion of existing assets are the same as those for renewal shown in Section 5.4.2.

5.5.1 Selection criteria

Any new plant or vehicle, apart from replacement plant and vehicles, are the result of new or increased services being provided by the Council. Any new proposed pieces of plant, vehicles or equipment are investigated to develop a preliminary “item” costing including operating costs, and then ranked by priority for consideration in a future budget.

5.6 *Disposal Plan*

Disposal of plant, equipment or vehicles occurs when the approved replacement item is being purchased or rationalisation of the plant fleet identifies an item is under utilised or no longer required for council's service delivery. The sale of these items is either by trade-in or direct sale usually by auction after the new plant/vehicle is purchased and delivered.

In a similar manner to selecting those plant items due for replacement, a weighting criteria is determined for the purchase of the new plant. The criteria are determined before any tenders or quotations are requested, and the weighting may vary slightly depending upon the plant item being purchased. For example, if purchasing a new motor grader "compatibility with existing fleet" would not be applicable as council operates only one (1) grader. However this selection criteria item would certainly be included when purchasing a new tractor for inclusion in the mowing fleet.

The weighting criteria for purchasing the replacement plant would include such items as:

- Compatibility with existing similar plant items
- Estimated "Whole of life" costing, including purchase and excepted disposal costs
- Plant operator (s) evaluation of the plant on trial
- Mechanical workshop's assessment of the plant item
- Comments/ feedback with other owner/operators of that particular piece of plant
- Warranty and training provided if new make of plant being considered
- Support service provided by the plant's supplier, eg availability and delivery timer if any spare parts are required

6. FINANCIAL SUMMARY

This section contains the financial requirements resulting from all the information presented in the previous sections of this asset management plan. The financial projections will be improved as further information becomes available on desired levels of service and current and projected future asset performance.

6.1 Financial Statements and Projections

The financial projections are shown in Fig 7 for planned operating (operations and maintenance).

Fig 7 Planned Operating Expenditure



Note that all costs are shown in current 2009/10 dollar values.

6.1.1 Sustainability of service delivery

There are two key indicators for financial sustainability that have been considered in the analysis of the services provided by this asset category, these being long term life cycle costs and medium term costs over the 10 year financial planning period.

Long term - Life Cycle Cost

Life cycle costs (or whole of life costs) are the average costs that are required to sustain the service levels over the longest asset life. Life cycle costs include maintenance and asset consumption (depreciation expense). The annual average life cycle cost for the services covered in this asset management plan is \$11 500 000.

Life cycle costs can be compared to life cycle expenditure to give an indicator of sustainability in service provision. Life cycle expenditure includes maintenance plus capital renewal expenditure. Life cycle expenditure will vary depending on the timing of asset renewals. The life cycle expenditure at the start of the plan is \$10 284 227.

A gap between life cycle costs and life cycle expenditure gives an indication as to whether present consumers are paying their share of the assets they are consuming each year. The purpose of this Plant and Fleet asset management plan is to identify levels of service that the community needs and can afford and develop the necessary long term financial plans to provide the service in a sustainable manner.

The life cycle gap for services covered by this asset management plan is \$1 215 773 per annum. The life cycle sustainability index is 0.89.

Medium term – 10 year financial planning period

This asset management plan identifies the estimated maintenance and capital expenditures required to provide an agreed level of service to the community over a 20 year period for input into a 10 year financial plan and funding plan to provide the service in a sustainable manner.

This may be compared to existing or planned expenditures in the 20 year period to identify any gap. In a core asset management plan, a gap is generally due to increasing asset renewals.

Fig 8 shows the projected asset replacement program to be put into place for the replacement of plant and fleet assets in the 10 year planning period. Table 6.1.1 shows the annual and cumulative funding gap between projected and planned renewals.

Fig 8 Replacement Program

***** CURRENTLY UNDER DEVELOPMENT *****

Table 6.1.1 shows the gap between projected and planned renewals.

Table 6.1.1 Projected and Planned Replacement and Expenditure Gap

Year	Projected Replacements	Planned Replacements	Replacement Funding Gap	Cumulative Gap
2010/11	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$778,700.00
2011/12	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$1,557,400.00
2012/13	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$2,336,100.00
2013/14	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$3,114,800.00
2014/15	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$3,893,500.00
2015/16	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$4,672,200.00
2016/17	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$5,450,900.00
2017/18	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$6,229,600.00
2018/19	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$7,008,300.00
2019/20	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$7,787,000.00
2020/21	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$8,565,700.00
2021/22	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$9,344,400.00
2022/23	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$10,123,100.00
2023/24	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$10,901,800.00
2024/25	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$11,680,500.00
2025/26	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$12,459,200.00
2026/27	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$13,237,900.00
2027/28	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$14,016,600.00
2028/29	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$14,795,300.00
2029/30	\$4,600,000.00	\$3,821,300.00	\$778,700.00	-\$15,574,000.00

Providing services in a sustainable manner will require matching of projected asset renewals to meet agreed service levels with planned capital works programs and available revenue.

A gap between projected asset renewals, planned asset renewals and funding indicates that further work is required to manage required service levels and funding to eliminate any funding gap.

Council will manage the 'gap' by developing this asset management plan to provide guidance on future service levels and resources required to provide these services, and to help reduce the implication of funding gaps that include decreased asset values, poor quality and reliability and increased maintenance and renewal costs and failure to meet the needs of the community.

Council's long term financial plan covers the first 10 years of the 20 year planning period. The total maintenance and capital renewal expenditure required over the 10 years is \$115 000 000.

Estimated maintenance and capital renewal expenditure in year 1 is \$10 284 227. The 10 year sustainability index is 0.89.

6.2 Funding Strategy

Projected expenditure identified in Section 6.1 is to be funded from Council's operating and capital budgets. The funding strategy is detailed in the Council's 10 year long term financial plan.

Achieving the financial strategy will require the following:

- Increasing revenue streams, rates and user charges or loan borrowings
- Cost analysis from a reduced service level and implementation
- Deferring capital upgrades/new works and reallocates funds to capital renewal/preservation work

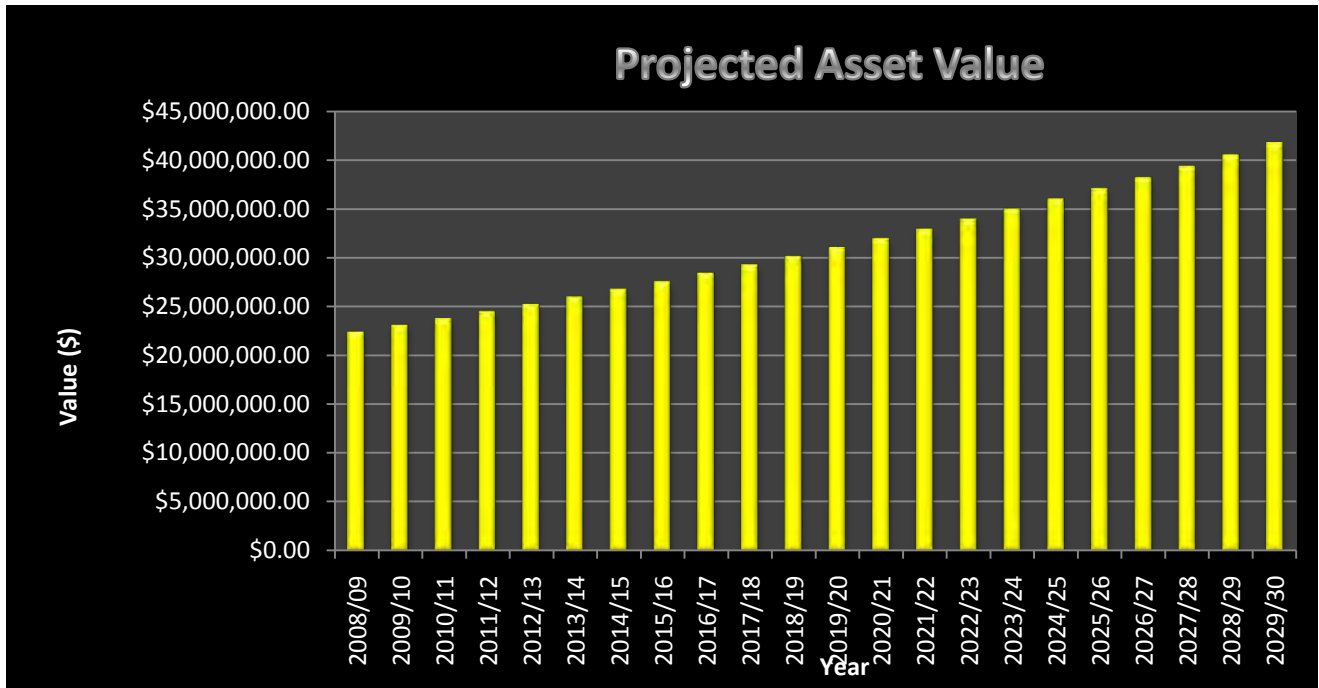
In order to reduce/eliminate the funding gap and provide the required funds for the renewal/replacement of plant and fleet assets, the following measures need to be undertaken:

1. Rationalization of asset renewal/replacement – it is very important to thoroughly investigate asset conditions, estimate the remaining of their useful life and prioritize maintenance/renewal/replacement works accordingly. Asset renewal/replacement to be carried out based on asset conditions, rather than asset age.
2. Monitor the fees and charges for water supply/treatment & maintenance/operation and adjust them based on the actual cost, taking into account elevated charges during drought periods due to low water consumption as a result of water restrictions. Also during seasonal changes for increased maintenance i.e. school holidays. Implementing the abovementioned measures should provide substantial savings without affecting the level of service and hence provide sufficient funds for the asset renewal/replacement as required.

6.3 Valuation Forecasts

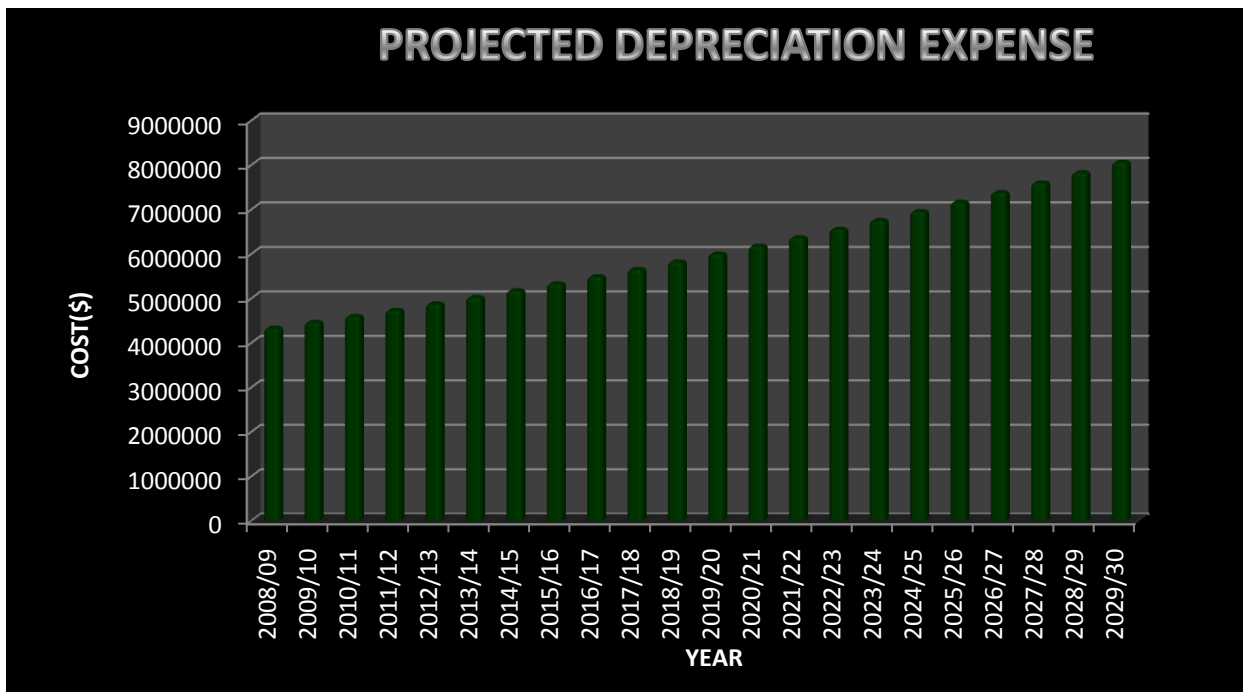
Asset values are forecast to increase as additional assets are added to the asset stock. Fig 9 shows the projected replacement cost asset values over the planning period in current 2009/10 dollar values.

Fig 9 Projected Asset Values



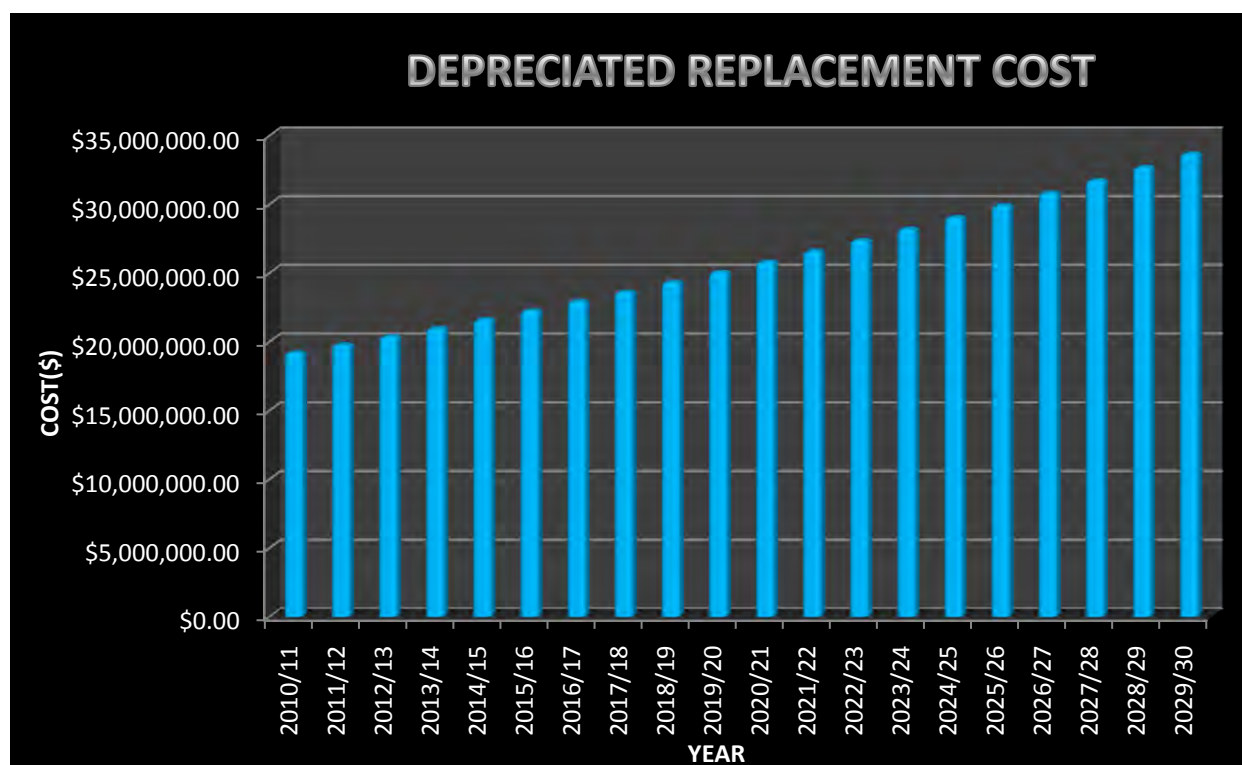
Depreciation expense values are forecast in line with asset values as shown in Fig 10.

Fig 10 Projected Depreciation Expense



The depreciated replacement cost (current replacement cost less accumulated depreciation) will vary over the forecast period depending on the rates of addition of new assets, disposal of old assets and consumption and renewal of existing assets. Forecast of the assets' depreciated replacement cost is shown in Fig 11.

Fig 11 Projected Depreciated Replacement Cost



6.4 Key Assumptions made in Financial Forecasts

This section details the key assumptions made in presenting the information contained in this asset management plan and in preparing forecasts of required operating and capital expenditure and asset values, depreciation expense and carrying amount estimates. It is presented to enable readers to gain an understanding of the levels of confidence in the data behind the financial forecasts.

Key assumptions made in this asset management plan are:

- Newly constructed assets will have the base allocation for the service specification increased in the subsequent financial year as per the agreed (indexed) rate in the adopted Service Specification.
- Property assets will remain in Council ownership throughout the planning period.
- Forecasts are based on current equipment and construction cost and will be influenced by cost increases in materials and labour.
- Maintenance costs are based largely on historical expenditure and assume there are no significant increases in service requirements or contractor/material rates.

- Asset replacement costs in years 1 to 3 are generally based on staff assessment of renewal needs, and from year 3 on, the costs are based on the life expectancy of the asset and the proposed alignment with other asset groups.
- It is assumed that new release areas in Penrith will significantly increase the population of Penrith City Council Local Government Area thus increasing the need for capital expenditure (new works and renewals).
- Maintenance costs are based largely on historical expenditure and assume there are no significant increases in service requirements or contractor/material rates.
- Projections have used the asset consumption, upgrade/expansion and renewal rates listed in section 5.1.4 assuming that the rate of growth and decline in asset values remained relatively constant to the available financial history data.

Accuracy of future financial forecasts may be improved in future revisions of this asset management plan by the following actions.

- Improved tracking of operation / maintenance and rehabilitation costs.
- Centralised asset management and data analysis.
- The implementation of a Council wide Asset Management Plan.
- Confirming rates of development of new assets

7. ASSET MANAGEMENT PRACTICES

This section identifies the strategies, practices and guidelines supporting Asset Management at Penrith City Council. These activities have no direct impact on the condition or performance of the asset themselves, but provide the tools and functions required to support the maintenance, renewal and enhancement plans. These functions include:

- System planning and monitoring
- System record management
- Asset management planning and policy

7.1 Accounting/Financial Systems

Financial transactions are recorded in Council's corporate financial systems (currently Technology 1 – Financials).

The Senior Finance Officer and Senior Accountant are responsible for operating the finance system. A Systems Analyst provides technical support for the systems operation and maintenance.

The Long Term Financial Plan also uses the life cycle program as a stand-alone asset management database for all infrastructure assets. Asset data is manually transferred (at a Group level) into the general ledger (Finance One).

The finance system is the responsibility of the finance function. The life cycle asset management database is the joint responsibility of the civil maintenance function and the information management function.

Council's long term Financial Model as included in the Resource Strategy demonstrates Council's financial position and its capacity to fund additional major capital expenditure, continued asset renewal and any potential increase in services or service levels. It has been prepared in accordance with the provisions of the Local Government Amendment (Planning and Reporting) Act 2009 and the associated guidelines and manual. It clearly shows that Council, with its current income, has no capacity to fund additional facilities or upgrades unless services or service levels are decreased, or additional funding sources are identified. This has particular relevance given that there is already a gap identified between planned plant and fleet asset replacement and projected plant and fleet asset replacement program.

The Local Government Act 1993 requires that Council prepare and maintain all accounting records, accounts and financial statements in accordance with all relevant Australian Accounting Standards. The following accounting standards and guidelines must be complied with:

- AASB 116 Property, Plant & Equipment – prescribes requirements for recognition and depreciation of property, plant and equipment assets

- AASB 136 Impairment of Assets – aims to ensure that assets are carried at amounts that are not in excess of their recoverable amounts
- AASB 1021 Depreciation of Non-Current Assets – specifies how depreciation is to be calculated
- AAS 1001 Accounting Policies – specifies the policies that Council is to have for recognition of assets and depreciation
- AASB 1041 Accounting for the reduction of Non-Current Assets – specifies the frequency and basis of calculating depreciation and revaluation basis used for assets
- AAS 1015 Accounting for acquisition of assets – method of allocating the value to new assets on acquisition
- AAS 27 Financial reporting by Local Government
- AAS 1010 Recoverable Amounts of Non-Current Assets – specifies requirement to test the reasonableness of valuations

Financial thresholds and activities have been developed to assist in determining when expenditure is capital or maintenance.

Accounting for Property, Plant, Equipment and Infrastructure Policy, the objective of this policy is to provide guidance around identifying, classifying, valuing, recording and disposing of non-current physical assets. This will provide for greater understanding and accuracy of Penrith City Council's capital requirements and depreciation expenses in the context of financial sustainability and intergenerational equity as well as ensuring that Penrith City Council is meeting its statutory reporting obligations.

Any changes to our current financial systems will be driven from the Service Review and the Asset Strategy Framework.

7.2 *Asset Management Systems*

Physical Asset data are recorded in Council's Plant and Fleet Technical systems (currently TechOne)

Council is in the process of acquiring a software interface to assist in integrating TechOne data to its counterparts in Technology 1 Financials.

Responsibilities for administering asset management systems are as follows:

- Fleet Officer – TechOne
- GIS Officer – MapInfo
- Systems Analyst – Authority

Data entry on a job by job basis is handled via several staff within Penrith City Council design and technical services department. It is suggested that life cycle is used as the base for a proactive maintenance program using data collected in the most recent survey.

As a result of this asset management plan, the following changes are proposed for the asset management system:

- Tighter integration with the GIS so that all assets can be located easily with some accuracy
- Transition to work order system for work planning and control
- Add additional asset data to the asset register to make the system more useful for staff
- Link customer requests with specific assets or asset types.

7.3 Information Flow Requirements and Processes

The key information flows *into* this asset management plan are:

- The asset register data on size, age, value, remaining life of the network;
- The unit rates for categories of work/material;
- The adopted service levels;
- Projections of various factors affecting future demand for services;
- Correlations between maintenance and renewal, including decay models;
- Data on new assets acquired by council.

The key information flows *from* this asset management plan are:

- The assumed Works Program and trends;
- The resulting budget, valuation and depreciation projections;
- The useful life analysis.

These will impact the Long Term Financial Plan, Strategic Business Plan, annual budget and departmental business plans and budgets.

Penrith City Council in cooperation with other stake holders are in a process of establishing a system where physical data from the Fleet Database can be easily linked to financial data in Technology 1 Financials.

New assets are added to the Technology 1 Financials asset management system by the Fleet officer. Every capital project results in a handover file that is checked by the relevant asset manager prior to forwarding to Fleet officer. TechOne and the GIS records are updated to reflect any changes made to the asset inventory. Additionally, data pertaining to the capital expenditure is captured for each asset. Once this is complete, the project is removed from the Work In Progress (WIP) ledger.

7.4 Standards and Guidelines

- Local Government Act 1993
- Protection of the Environment Operations Act 1998
- Environmental Planning and Assessment Act 1979
- Occupational Health and Safety Act 2000
- Roads Act 1993
- Council's Probity and Governance Policies
- Dept of Environment and Conservation – Threatened species conservation Act – 1995

- AS 1742.3 – 1996 Traffic Control Devices for Works on Roads
- Australian Accounting Standards (AASB116, Property, Plant and Equipment, Australian Accounting Standards Board, July 2007. International Infrastructure Management Manual, Institute of Public Works Engineering Australia, 2006) IPWEA, 2006, 'International Infrastructure Management Manual', Institute of Public Works Engineering Australia, Sydney, www.ipwea.org.au
- ISO 36000 – Risk Management
- RTA's Traffic Control at Work Sites Manual
- AAS27, Financial Reporting by Local Governments, Australian Accounting Standards, June, 1996.
- AASB1031, Materiality, Australian Accounting Standards Board, July 2004.
- Local Government Asset Accounting Manual, Department of Local Government, New South Wales, Update No. 4, 1999

8. PLAN IMPROVEMENT AND MONITORING

8.1 Performance Measures

The effectiveness of the asset management plan can be measured in the following ways:

- The degree to which the required cash flows identified in this asset management plan are incorporated into council's long term financial plan and Strategic Management Plan;
- The degree to which 1-5 year detailed works programs, budgets, business plans and organisational structures take into account the 'global' works program trends provided by the asset management plan;

8.2 Improvement Plan

The asset management improvement plan generated from this asset management plan is shown in Table 8.2.

Table 8.2 Improvement Plan

Task No	Task	Responsibility	Resources Required	Timeline
1.	Capture new plant and fleet asset attributes.		staff	
2.	Update and revise plan to reflect changes in asset portfolio and business practices.			
3.	Review the use of all plant and fleet assets with a view to rationalise small underutilised assets. Ensure all renewal and future new works are designed for a range of purposes and suitable for all abilities.			
4.	Establish a reporting system to update the Asset Register as per feedback from the field including new assets, renewed assets and disposed of assets. Ongoing rolling program of data Collection by developing a sustained inspection regime.			
5.	Develop and review detailed risk analysis and planning for critical assets.			
6.	Review service levels and commence Internal and Elected Member consultation on service level provision.			
7.	Separate the operation costs and maintenance costs, and split the maintenance costs into reactive, planned and cyclic. Capital cost to be split into renewal, upgrade and new.			
8.	Develop a policy in relation to the provision of plant and fleet asset in recognition of risk management issues and climate change concerns.			

- | | |
|-----|---|
| 9. | Progressively develop and expand this plan by including other plant and fleet assets as they are quantified, valued and assessed. These assets include irrigation systems, recreational lakes |
| 10. | Undertake a customer satisfaction survey and consult with the community to identify the desired level of service. |
| 11. | Establish a highly credible plant utilization and replacement program reporting |

8.3 *Monitoring and Review Procedures*

This asset management plan will be reviewed during annual budget preparation and amended to recognise any changes in service levels and/or resources available to provide those services as a result of the budget decision process.

The Plan will be updated annually, with a significant review occurring every four years.



REFERENCES

Penrith City Council, 'Strategic Management Plan',

Penrith City Council, 'Annual Plan and Budget.

DVC, 2006, 'Asset Investment Guidelines', 'Glossary', Department for Victorian Communities, Local Government Victoria, Melbourne,

<http://www.dvc.vic.gov.au/web20/dvclgv.nsf/allDocs/RWP1C79EC4A7225CD2FCA257170003259F6?OpenDocument>

IPWEA, 2006, 'International Infrastructure Management Manual', Institute of Public Works Engineering Australia, Sydney,

www.ipwea.org.au

Penrith City Council, 'Plant and Fleet Maintenance Service Specification'

Various AMP



APPENDICES

Appendix A	Vehicle Register
Appendix B	Plant Register
Appendix C	Fleet and Plant Projected Replacement Value
Appendix D	Total Plant and Vehicle Annual Operating Cost
Appendix E	Sustainability Costing
Appendix F	Asset Management System structure

Appendix A – Vehicle Register

Plant	Vehicle Details				Purchased
No.	Registration	Make	Model	Type	Date
V0010	BMJ54H	Toyota	Kluger Grande AWD	Wagon	21-Jan-2010
V0020	AY13HO	Toyota	Kluger Grande	Wagon	15-Oct-2008
V0030	BHX20V	Subaru	Tribeca	Wagon	13-Feb-2009
V0050	BHH01G	Subaru	Liberty Premium	Sedan	13-Nov-2008
V0070	BF52ZP	Nissan	X-Trail Ti	Wagon	3-May-2010
V0090	AY18HO	Toyota	Aurion	Sedan	20-Oct-2008
V0100	BFC81N	Subaru	Outback 2.5i	Wagon	26-Mar-2008
V0110	BE13SA	Subaru	Forester	Wagon	6-Apr-2010
V0120	BME78T	Subaru	Forester X	Wagon	9-Dec-2009
V0130	AW81HO	Toyota	Aurion Prodigy	Sedan	28-Aug-2008
V0150	BE67DL	Holden	Omega 3.0 LT SIDI	Sedan	11-Jan-2010
V0160	AY47WG	Holden	Astra	Hatch	20-Nov-2008
V0170	BE39KU	Subaru	Forester X	Wagon	8-Jan-2010
V0180	BE94DH	Toyota	Camry	Sedan	3-Dec-2009
V0190	AY76HR	Ford	Falcon XT	Sedan	13-Oct-2008
V0200	BA17AG	Toyota	Camry	Sedan	3-Feb-2009
V0210	BE10SA	Subaru	Impreza	Hatch	6-Apr-2010
V0220	BLW56J	Subaru	Forester X	Wagon	17-Nov-2009
V0240	BA29KL	Holden	Omega	Sedan	26-Mar-2009
V0250	BA61XD	Holden	Astra AH	Wagon	26-May-2009
V0260	BF88RF	Subaru	Forester	Wagon	13-Jul-2010
V0270	AZ11AG	Ford	Falcon XT	Sedan	12-Nov-2008

V0280	BF49LW	Holden	Omega	Sedan	7-Jun-2010
V0290	AU62TX	Holden	Astra AH	Wagon	10-Apr-2008
V0300	BA02TA	Holden	Astra AH	Wagon	22-Apr-2009
V0320	AZ55EB	Toyota	Aurion AT-X	Sedan	1-Dec-2008
V0330	BF90RF	Subaru	Forester	Wagon	26-Jul-2010
V0340	BF94RF	Subaru	Forester	Wagon	2-Aug-2010
V0360	BD64RM	Toyota	Corolla	Hatch	30-Oct-2009
V0370	BD91ZC	Toyota	Camry	Sedan	23-Nov-2009
V0390	BF46LW	Holden	Omega	Sedan	31-May-2010
V0420	BE12SA	Subaru	Forester	Wagon	6-Apr-2010
V0430	AU01YT	Toyota	Camry	Sedan	20-Mar-2008
V0440	AV18NA	Toyota	Corolla	Sedan	26-May-2008
V0460	AP30ES	Ford	Falcon XT	Wagon	14-May-2007
V0470	BA15AG	Toyota	Camry	Sedan	3-Feb-2009
V0490	AU36HT	Holden	Astra AH	Hatch	20-Feb-2008
V0500	BF25LT	Subaru	Forester	Wagon	6-Apr-2010
V0510	AR79AM	Ford	Focus	Sedan	23-Aug-2007
V0520	BC61HC	Toyota	Corolla	Hatch	30-Jul-2009
V0530	BA42KL	Holden	Omega	Sedan	7-Apr-2009
V0540	BE23KQ	Holden	Berlina	Sedan	15-Feb-2010
V0560	BD13BC	Toyota	Camry	Sedan	15-Sep-2009
V0570	BNU38B	Subaru	Liberty Exiga 2.5i	Wagon	12-Apr-2010
V0590	BE05KQ	Holden	Omega	Sedan	1-Feb-2010
V0600	AV36SP	Toyota	Camry	Sedan	13-May-2008
V0610	VLA531	Holden	Cmex VT	Wagon	7-Oct-1998

V0620	BF67LT	Ford	Ranger 4x2 Crew Cab	Utility	10-May-2010
V0640	BD69VE	Toyota	Aurion AT-X	Sedan	17-Nov-2009
V0650	AU48AT	Ford	Focus	Sedan	31-Jan-2008
V0660	BNY41M	Nissan	X-Trail Ti	Wagon	11-May-2010
V0690	BE97DH	Toyota	Kluger KX-S AWD V6	Wagon	1-Dec-2009
V0700	BD65RM	Toyota	Avensis	Wagon	27-Oct-2009
V0710	BF47LW	Holden	Omega	Sedan	7-Jun-2010
V0730	AY78JM	Holden	Astra AH	Wagon	1-Dec-2008
V0740	AW80HO	Toyota	Aurion	Sedan	28-Aug-2008
V0750	AT79NM	Ford	Focus	Hatch	5-Dec-2007
V0780	BD93LW	Toyota	Aurion AT-X	Sedan	16-Oct-2009
V0790	AV62NC	Toyota	Camry	Sedan	30-May-2008
V0800	AY52WF	Ford	GE6	Sedan	23-Oct-2008
V0810	BB09BR	Toyota	Aurion Presara	Sedan	14-Apr-2009
V0830	BLK72J	Toyota	Aurion Presara	Sedan	6-Oct-2009
V0840	BF79ZQ	Toyota	Corolla	Hatch	1-Jun-2010
V0850	BE62DK	Hyundai	i30	Wagon	14-Dec-2009
V0870	BF83RF	Subaru	Forester	Wagon	22-Jun-2010
V0880	BB11BR	Toyota	Corolla	Wagon	14-Apr-2009
V0900	AT28WJ	Ford	Focus	Sedan	14-Jan-2008
V0900	BF96RF	Subaru	Impreza	Sedan	9-Aug-2010
V0910	BSF28G	Subaru	Liberty	Sedan	2-Aug-2010
V0920	BPT75X	Volkswagen	Passet CC	Coupe	12-Jul-2010
V0930	AU76HR	Subaru	Outback 2.5i	Wagon	20-Feb-2008
V0940	BD42ZD	Ford	Falcon XT	Sedan	17-Dec-2009

V0960	BA96AF	Holden	Omega	Sedan	12-Mar-2009
V0970	BG59TK	Toyota	Aurion	Sedan	6-Jul-2010
V0980	BF76ZQ	Toyota	Aurion	Sedan	31-May-2010
V0990	BG61TK	Toyota	Corolla	Sedan	6-Jul-2010
V1000	BSF28H	Subaru	Forester XT Premium	Wagon	9-Aug-2010
V1000	BIK13K	Toyota	Presara	Sedan	16-Feb-2009
V1010	AV74EK	Ford	Falcon XT	Sedan	19-May-2008
V1020	BJA63L	Subaru	Liberty Heritage	Wagon	27-Feb-2009
V1030	AQ48KJ	Toyota	Camry	Sedan	24-Jul-2007
V1050	BG42JB	Holden	Captiva	Wagon	26-Jul-2010
V1060	BNU38H	Subaru	Liberty Premium 2.5i	Wagon	19-Apr-2010
V1080	BC39PM	Ford	Ranger 4x2 Crew Cab	Utility	31-Aug-2009
V1090	AU32HU	Ford	Falcon XT	Wagon	20-Feb-2008
V1112	BA86AF	Holden	Colorado 4x2 Petrol	Utility	27-Feb-2009
V1120	BE50DL	Holden	Omega 3.0 LT Sidi	Sedan	4-Jan-2010
V1150	BE62DL	Holden	Omega 3.0 LT Sidi	Sedan	11-Jan-2010
V1160	BME78F	Subaru	Forester X	Wagon	1-Dec-2009
V1170	AU61TX	Holden	Omega	Sedan	9-Apr-2008
V1170	BE61DL	Holden	Omega 3.0 LT Sidi	Sedan	11-Jan-2010
V1180	BE45KN	Subaru	Forester X	Wagon	16-Dec-2009
V1190	BJI91N	Toyota	Aurion ZR6	Sedan	1-Apr-2009
V1210	BF26LT	Subaru	Forester	Wagon	6-Apr-2010
V1220	BE51DL	Holden	Omega 3.0 LT Sidi	Sedan	4-Jan-2010
V1240	AZ58ED	Toyota	Camry	Sedan	13-Nov-2008
V1250	BD09ZC	Holden	Omega	Sedan	14-Dec-2009

V1270	BLW56H	Subaru	Forester X	Wagon	17-Nov-2009
V1280	BE47KN	Subaru	Forester X	Wagon	16-Dec-2009
V1290	BA57EW	Toyota	Aurion AT-X	Sedan	9-Feb-2009
V1300	BG60TK	Toyota	Aurion	Sedan	6-Jul-2010
V1310	BD07BC	Toyota	Corolla	Sedan	14-Sep-2009
V1330	BF65LT	Ford	Ranger PK 4x4 Crew Cab	Utility	17-May-2010
V1340	BE30SC	Toyota	Camry	Sedan	8-Feb-2010
V1350	AY49WG	Holden	Astra	Wagon	24-Nov-2008
V1360	AW97HO	Toyota	Camry	Sedan	2-Sep-2008
V1370	AW39HQ	Toyota	Corolla	Sedan	7-Jul-2008
V1380	BA40TZ	Toyota	Aurion	Sedan	1-Apr-2009
V1400	AV25SP	Toyota	Corolla	Sedan	6-May-2008
V1420	BC46PM	Ford	Ranger 4x2 Crew Cab	Utility	9-Sep-2009
V1450	AW79HO	Toyota	Camry	Sedan	28-Aug-2008
V1500	AV62NA	Holden	Rodeo LT 4x4 T/D Crew Cab	Utility	27-May-2008
V1510	BME78S	Subaru	Forester X	Wagon	9-Dec-2009
V1540	BE54FN	Subaru	Forester X	Wagon	14-Dec-2009
V1570	BE03KS	Holden	Omega SIDI	Sedan	22-Feb-2010
V1600	BE48SC	Toyota	Aurion AT-X	Sedan	15-Feb-2010
V1610	AV35SP	Toyota	Camry	Sedan	13-May-2008
V1700	BB85BQ	Ford	Falcon XT	Sedan	28-May-2009
V1710	AU63TX	Holden	Astra AH	Hatch	8-Apr-2008
V1723	BA87AF	Holden	Colorado 4x2 Petrol	Utility	27-Feb-2009
V1780	AU28HT	Holden	Astra AH	Wagon	18-Feb-2008

V1850	WOY872	Toyota	Landcruiser	Wagon	7-Jun-2000
V1860	WVC057	Toyota	Hilux	Utility	7-Aug-2000
V1870	AD84RA	Holden	Acclaim VZ	Sedan	14-Mar-2005
V1880	AB45WU	Holden	Executive Commodore VZ	Sedan	10-Dec-2004
V1900	BE34DM	Toyota	Camry	Sedan	14-Dec-2009
V1910	AW03HN	Toyota	Corolla	Hatch	17-Jul-2008
V1920	BE46KN	Subaru	Forester X	Wagon	16-Dec-2009
V1940	BC11TH	Ford	Ranger Crew Cab	Utility	7-Oct-2009
V1950	BD02FN	Ford	Ranger Crew Cab	Utility	1-Oct-2009
V1960	AT55QY	Holden	VE SV6	Utility	8-Jan-2008
V1970	BMO59U	Subaru	Forester	Wagon	28-Jan-2010
V1980	BE10DM	Toyota	Corolla	Hatch	15-Dec-2009
V1990	BE48KN	Subaru	Impreza	Hatch	16-Dec-2009
V2010	BA81AF	Holden	Omega	Sedan	26-Feb-2009
V2020	BE94SY	Subaru	Forester X	Wagon	8-Jan-2010
V2030	BC81PK	Toyota	Camry	Sedan	6-May-2008
V2040	BE28KS	Hyundai	i30 SX	Wagon	8-Feb-2010
V2060	BE32KR	Hyundai	i30	Wagon	28-Jan-2010
V2070	BE61DK	Hyundai	i30	Hatch	14-Dec-2009
V2080	AU34HT	Holden	Omega	Sedan	19-Feb-2008
V2090	AV49JF	Toyota	Hilux SR5 4x4 T/D Crew Cab	Utility	6-May-2008
V2100	BG29JZ	Hyundai	i30	Wagon	31-May-2010
V2120	AV62DN	Toyota	Hilux SR5 4x4 T/D Crew Cab	Utility	9-Apr-2008
V2130	BG63JA	Ford	Ranger PK 4x4 Crew	Utility	15-Jun-2010

			Cab		
V2140	AU56HR	Toyota	Hilux SR5 4x4 T/D Crew Cab	Utility	11-Feb-2008
V2150	AW38HQ	Toyota	Hilux SR5 4x4 T/D Crew Cab	Utility	7-Jul-2008
V2160	BE60DK	Hyundai	i30	Wagon	14-Dec-2009
V2170	AW47TT	Toyota	Camry	Sedan	4-Aug-2008
V2200	AV49JB	Toyota	Corolla	Sedan	21-Apr-2008
V2210	AU55TW	Toyota	Camry	Sedan	10-Mar-2008
V2230	AQ23CT	Holden	Astra AH	Wagon	15-Aug-2007
V2240	AV33JB	Toyota	Aurion	Sedan	14-Apr-2008
V2240	BF92RF	Subaru	Forester	Wagon	2-Aug-2010
V2250	BE01KS	Holden	Omega SIDI	Sedan	22-Feb-2010
V2260	AZ68EB	Toyota	Aurion Prodigy	Sedan	1-Dec-2008
V2280	AO63PU	Toyota	Corolla	Hatch	20-Mar-2007
V3090	BA41PM	Toyota	Corolla	Sedan	25-Feb-2009
V3090	BG01YM	Hyundai	i30	Wagon	26-Jul-2010
V3100	BF84RF	Subaru	Forester	Wagon	22-Jun-2010
V3110	BF79RF	Subaru	Forester	Wagon	19-Apr-2010
V3120	BE56DL	Holden	Omega 3.0LT SIDI	Sedan	11-Jan-2010
V3130	BA40PM	Toyota	Camry	Sedan	25-Feb-2009
V3140	BF02RF	Ford	Ranger PK 4x4 Crew Cab	Utility	17-May-2010
V3150	AV34SP	Toyota	Camry	Sedan	13-May-2008
V3160	AW11HP	Toyota	Camry	Sedan	10-Sep-2008
V3170	BC75TE	Toyota	Aurion AT-X	Sedan	31-Aug-2009
V3180	AW37HQ	Toyota	Corolla	Sedan	7-Jul-2008

V3190	BA03KM	Toyota	Camry	Sedan	3-Mar-2009
V3200	BB26BR	Toyota	Corolla	Sedan	21-Apr-2009
V3210	BA28KL	Holden	Astra AT-X	Wagon	26-Mar-2009
V3220	BB56TX	Toyota	Aurion AT-X	Sedan	3-Jun-2009
V3230	BF74VR	Toyota	Corolla	Hatch	31-May-2010
V3240	BB57TX	Toyota	Aurion AT-X	Sedan	3-Jun-2009
V3250	BD34RM	Toyota	Camry	Sedan	3-Nov-2009
V3260	BF95RF	Subaru	Impreza	Hatch	2-Aug-2010
V3260	AR00SF	Ford	Focus	Sedan	27-Sep-2007
V3270	BD22FN	Ford	Ranger Crew Cab	Utility	10-Nov-2009
V3280	AT12EG	Toyota	Corolla	Sedan	16-Nov-2007
V3290	AR92ZU	Toyota	Corolla	Sedan	5-Nov-2007
V3300	AR33WK	Toyota	Corolla	Sedan	22-Oct-2007
V3310	BNU38A	Subaru	Liberty 2.1i Premium	Sedan	12-Apr-2010
V3320	BF28LT	Subaru	Forester	Wagon	12-Apr-2010
V3330	BG34JZ	Hyundai	i30	Wagon	7-Jun-2010
V3340	AV19NA	Toyota	Aurion	Sedan	16-May-2008
V3350	BE22KQ	Holden	Calais Sportswagon	Wagon	15-Feb-2010
V3360	BF93RF	Subaru	Forester	Wagon	9-Aug-2010
V3360	AW40CD	Holden	Astra AH	Hatch	21-Jul-2008
V3370	AW25HO	Holden	Astra AH	Hatch	1-Sep-2008
V3380	AW37HO	Holden	VE SV6	Utility	10-Sep-2008
V3400	AU65TX	Holden	Astra AH	Wagon	10-Apr-2008
V3410	BA18KM	Toyota	Corolla	Sedan	5-Mar-2009
V3420	BA06NN	Toyota	Corolla	Hatch	9-Mar-2009

V3430	BC92CJ	Toyota	Aurion Presara	Sedan	24-Jul-2009
V3440	BKW28W	Mazda	3 SP25 Hatch	Hatch	3-Aug-2009
V3450	AU00YT	Toyota	Aurion Presara	Sedan	20-Mar-2008
V3460	AY75HR	Ford	Falcon XT	Sedan	13-Oct-2008
V3470	BB55TX	Toyota	Aurion AT-X	Sedan	3-Jun-2009
V3480	BE02KS	Holden	Omega SIDI	Sedan	1-Mar-2010
V3490	BKR70S	Subaru	Liberty	Sedan	17-Jul-2009
V3500	BB10BR	Toyota	Camry	Sedan	14-Apr-2009
V3510	BC17MP	Toyota	Aurion AT-X	Sedan	10-Aug-2009
V3520	BC04MN	Volkswagen	Caddy MXI	Van	3-Aug-2009
V3530	BD07LW	Toyota	Aurion ZR6	Sedan	7-Oct-2009
V3540	BLW56V	Subaru	Forester X	Wagon	1-Dec-2009
V3550	BE27SB	Ford	Ranger PK 4x4 Crew Cab	Utility	22-Feb-2010
V3560	BE52DL	Holden	Omega SIDI	Sedan	4-Jan-2010
V3570	BF86RF	Subaru	Forester X	Wagon	5-Jul-2010
V3580	BF83VS	Toyota	Aurion AT-X	Sedan	3-May-2010
V3590	BG91NQ	Ford	Falcon XT	Sedan	21-Jun-2010
V3600	BPT55P	Toyota	Aurion AT-X	Sedan	19-Jul-2010
V3610	BF82RF	Subaru	Forester	Wagon	7-Jun-2010

Appendix B Plant Register

Plant	Plant Details		Purchase	Asset
No.	Registration	Plant Item	Date	Type
1. PLANT REGISTER				
A. Council Operated Plant				
P4011	AH84GA	Van ~ Mitsubishi Express Walk Thru	26-Oct-2005	VAN
P4021	AH79GA	Van ~ Mitsubishi Express Walk Thru	4-Nov-2005	VAN
P4030	WLF236	Van ~ Toyota Hi-ace LWB	12-Jan-2000	VAN
P4041	AH96SN	Ute ~ Mitsubishi Club Cab	24-Nov-2005	UTE
P4051	AM99UK	Backhoe/loader ~ Caterpillar 428D	9-Nov-2006	PLANT
P4061	Unregistered	Mower ~ Toro Titan Z4800	13-Jul-2009	MOWER
P4070	Unregistered	Mower ~ John Deere LX279 J/D10	15-Oct-1999	MOWER
P4081	Unregistered	Mower ~ Toro GM3280-D 4WD & 72" Deck	28-Mar-2007	MOWER
P4091	Unregistered	Mower ~ Toro GM3280-D 4WD & 72" Deck	5-Jul-2007	MOWER
P4100	Unregistered	Mower ~ Stealth R/mower 3.4mtr HW7	5-Oct-2000	MOWER
P4111	Unregistered	Mower ~ Iseki SF370 Outfront deck	8-Oct-2007	MOWER
P4121	Unregistered	Mower ~ Iseki SF370 Outfront deck	10-Oct-2007	MOWER
P4132	Unregistered	Mower ~ Iseki SF370 Outfront deck	10-Oct-2007	MOWER
P4142	Unregistered	Mower ~ Iseki SF370 Outfront deck	8-Oct-2007	MOWER
P4152	Unregistered	Mower ~ Iseki SF370 Outfront deck	2-Jul-2008	MOWER
P4163	Unregistered	Mower ~ Iseki SF310 72" Outfront deck	18-Feb-2009	MOWER
P4172	Unregistered	Mower ~ Toro GM3280-D 4WD & 72" Deck	5-Jul-2007	MOWER
P4201	Unregistered	Mower ~ Toro GM3280-D 4WD & 72" Deck	11-Apr-2006	PLANT
P4221	Unregistered	Mower ~ Toro GM3280-D 4WD & 72" Deck	11-Apr-2006	MOWER
P4222	Unregistered	Mower ~ Toro GM7210 with 72" Deck	5-Nov-2009	MOWER
P4231	XKQ928	Loader ~ Skid Steer Caterpillar	3-Jul-2001	PLANT
P4241	AT62PE	Truck ~ Isuzu NPR200 2T Lorry	28-Dec-2007	U/TRUCK
P4251	AQ86BV	Truck ~ Isuzu NPR200 2T Short SRS Cab Chassis	30-Jun-2007	U/TRUCK
P4261	AT65LZ	Truck ~ Isuzu NPR200 2T Lorry	28-Dec-2007	U/TRUCK
P4271	AN65HS	Truck ~ Fuso 2T Tipper	31-Jan-2007	U/TRUCK
P4281	AQ87BV	Truck ~ Isuzu NPR200 2T Short SRS Cab Chassis	30-Jun-2007	U/TRUCK
P4291	XAT313	Truck ~ Isuzu NPR200 2T Lorry	19-Jan-2001	U/TRUCK
P4301	YNX983	Truck ~ Isuzu 200 Short Tipper truck	24-Mar-2003	U/TRUCK
P4311	ZJS987	Truck ~ Isuzu 200 Short Tipper truck	13-Jul-2004	U/TRUCK
P4320	URC222	Truck ~ Isuzu NPR200 2T Lorry	18-Sep-1997	U/TRUCK
P4330	VRD505	Truck ~ Isuzu NPR200 2T Lorry	11-Feb-1999	U/TRUCK
P4340	VSG643	Truck ~ Isuzu NPR200 2T Lorry	4-Mar-1999	U/TRUCK
P4351	XAT323	Truck ~ Isuzu 200 Short Tipper truck	27-Feb-2001	U/TRUCK
P4361	AT94UY	Truck ~ Isuzu NPR200 2T Tipper Truck	1-Feb-2008	U/TRUCK
P4371	XWT218	Truck ~ Isuzu NPR300 Crewcab Truck	26-Apr-2002	O/TRUCK
P4381	XWT217	Truck ~ Isuzu NPR300 Crewcab Truck	26-Apr-2002	O/TRUCK
P4391	AN66HS	Truck ~ Fuso 2T Tipper	31-Jan-2007	U/TRUCK
P4401	XAT318	Truck ~ Isuzu 200 Short Truck	27-Feb-2001	U/TRUCK
P4410	TYR965	Truck ~ Isuzu NPR200 2T Lorry	23-Nov-1995	U/TRUCK
P4420	WMD185	Truck ~ Isuzu NPR300 Crewcab Truck	23-Feb-2000	O/TRUCK
P4430	WMD186	Truck ~ Isuzu NPR300 Crewcab Truck	23-Feb-2000	O/TRUCK

P4441	AE75HJ	Truck ~ Isuzu NPR400 Tipper	2-May-2005	O/TRUCK
P4452	AZ44YD	Truck ~ Isuzu FRR600 Compactor	27-Feb-2009	U/TRUCK
P4460	VUN073	Truck ~ Isuzu NPR400 Lorry	22-Apr-1999	O/TRUCK
P4471	AQ95BV	Truck ~ Isuzu FRR500 Medium SPB Cab Chassis	30-Jun-2007	O/TRUCK
P4481	AT92ZP	Truck ~ Isuzu FTR900 Tipper Truck	13-Feb-2008	O/TRUCK
P4491	AR76MQ	Tractor ~ John Deere 5720 Tractor	29-Nov-2007	PLANT
P4501	AU38XK	Tractor ~ John Deere 5720 Tractor	12-Jun-2008	PLANT
P4511	BB87NC	Tractor ~ Massey Ferguson 5435-C Tractor	15-Jun-2009	MOWER
P4521	XEU421	Tractor ~ Massey Ferguson 4225 Tractor	12-Mar-2001	MOWER
P4532	BD35KM	Tractor ~ Massey Ferguson 5435-2C Tractor	5-Nov-2009	MOWER
P4541	BA41MR	Loader ~ Volvo L35B Articulated Front End Loader	1-May-2009	PLANT
P4551	XSM860	Tractor ~ Massey Ferguson 4297A Tractor	10-Jan-2002	MOWER
P4562	BD86RM	Mower ~ Toro Groundmaster 5910	5-Nov-2009	MOWER
P4571	YWJ966	Tractor ~ Massey Ferguson 4225-2C Tractor	2-Oct-2003	MOWER
P4581	AC00UA	Tractor ~ Massey Ferguson 5435-2C Tractor	19-Jan-2005	PLANT
P4591	AK84NB	Tractor ~ Massey Ferguson 5435-2C Tractor	16-Jun-2006	PLANT
P4592	AR29TA	Tractor ~ Massey Ferguson 5435-4C Tractor	29-Oct-2007	MOWER
P4611	AK84DI	Tractor ~ Massey Ferguson 5435-2C Tractor	1-Jun-2006	PLANT
P4621	AC24MW	Tractor ~ Massey Ferguson 5435-2C Tractor	19-Jan-2005	PLANT
P4631	AK85DI	Tractor ~ Massey Ferguson 5435-2C Tractor	1-Jun-2006	PLANT
P4642	BF38FN	Mower ~ Toro Groundmaster 5910-4WD Tractor	8-Mar-2010	MOWER
P4651	XTQ591	Tractor ~ Massey Ferguson 4297A Tractor	10-Jan-2002	MOWER
P4671	YNX981	Truck ~ Isuzu FRR550 Cab Chassis	18-Mar-2003	PLANT
P4681	BC80PK	Truck ~ Isuzu NPR400 Cab Chassis with Flowcon Body 4t	7-Apr-2006	O/TRUCK
P4691	AW62AP	Truck ~ Isuzu NPR400 Cab Chassis with Flowcon Body 4t	2-Jul-2008	O/TRUCK
P4701	ZGW611	Truck ~ Isuzu FTR800 Cab Chassis with Flowcon Body 8t	7-Aug-2001	O/TRUCK
P4702	BG72ZC	Truck ~ Fuso Tiltip	6-Oct-2010	O/TRUCK
P4710	WLF887	Grader ~ Caterpillar M 120H	6-Jan-2000	PLANT
P4721	YYK920	Truck ~ Isuzu FSR700 Cab Chassis	11-Nov-2003	O/TRUCK
P4731	BE87PR	Backhoe/loader ~ Case 580SR	12-Mar-2010	PLANT
P4741	93509C	Excavator ~ Komatsu PC55MR	30-Jun-2009	PLANT
P4751	XHF163	Backhoe ~ Case 580SLE	11-May-2001	PLANT
P4761	ZJW050	Backhoe ~ Case 580SM	23-Jun-2004	PLANT
P4771	YTZ177	Backhoe ~ Case 580SLE 4WD	22-Jul-2003	PLANT
P4781	ZJW053	Backhoe ~ Case 580SM	30-Jun-2004	PLANT
P4790	QIJ897	Loader ~ Case 621B	7-Jul-1994	PLANT
P4810	VWJ637	Roller ~ Dynapac CC142C	25-May-1999	PLANT
P4821	XYF873	Truck ~ Isuzu FRR550 Crew Cab	6-May-2002	O/TRUCK
P4831	XFS901	Roller ~ Bitelli DTV325	14-Mar-2001	PLANT
P4841	XFS899	Roller ~ Bitelli DTV325	14-Mar-2001	PLANT
P4851	XFS900	Roller ~ Bitelli DTV325	14-Mar-2001	PLANT
P4861	AC99BY	Loader ~ Case 95XT Loader	22-Dec-2004	PLANT
P4871	YHW084	Loader ~ Case Uniloader 1840 & Attachment	23-Oct-2002	PLANT

P4882	BB20BD	Street Sweeper ~ Schwarze A6500XL Street Sweeper	20-Apr-2009	PLANT
P4891	AK75ZU	Street Sweeper ~ MacDonald Johnston RT570 S/sweeper	14-Jul-2006	PLANT
P4900	QSV835	Street Sweeper ~ MacDonald Johnston Sweeper(Eductor)	24-Mar-1997	PLANT
P4901	AE50UR	Street Sweeper ~ MacDonald Johnston Street Sweeper	25-Jul-2005	PLANT
P4912	BE24CX	Street Sweeper ~ Schwarze A6500XL Street Sweeper	3-Dec-2009	PLANT
P4920	SQA294	Street Sweeper ~ MacDonald Johnston Sweeper(Eductor)	5-Apr-1993	PLANT
P4931	YTT228	Street Sweeper ~ Schwarze A6500XL Street Sweeper	18-Jul-2003	PLANT
P4941	AJ36MJ	Truck ~ Isuzu NPR400 Cab Chassis with Caged Tipping Body	5-Apr-2006	O/TRUCK
P4950	WLR115	Truck ~ Isuzu NPR200 Short Truck	19-Jan-2000	U/TRUCK
P4961	AU45HU	Ute ~ Ford PJ Ranger XL Supercab 4x4	28-Feb-2008	UTE
P4971	AR99UM	Truck ~ Isuzu NPR400 Tipper	25-Oct-2007	O/TRUCK
P4981	BC01BE	Truck ~ Isuzu NPR400 Lorry	13-Jul-2009	O/TRUCK
P4991	AR87DG	Truck ~ Isuzu NPR400 Long SRS Truck	12-Sep-2007	O/TRUCK
P5001	AQ75PD	Truck ~ Isuzu NPR400 4T Lorry	17-Jul-2007	O/TRUCK
P5011	AV23WK	Truck ~ Isuzu FRR500 Medium Tipper Truck	6-Jun-2008	O/TRUCK
P5020	WOA067	Truck ~ Isuzu FRR 550 Lorry	22-Mar-2001	O/TRUCK
P5031	AP44EM	Truck ~ Hino Ranger PRO6	9-Jul-2007	O/TRUCK
P5041	XYF872	Truck ~ Isuzu FRR550 Crew Cab 6t	10-May-2002	O/TRUCK
P5051	AK54NO	Truck ~ Isuzu FTR900 Cab Chassis Tipper 9t	6-Jun-2006	O/TRUCK
P5061	AE13XO	Truck ~ Isuzu FTR900 Tipper Truck 9t	7-Jun-2005	O/TRUCK
P5072	BF73HI	Truck ~ Isuzu FVR10000 Tilt Tip Truck	8-Apr-2003	O/TRUCK
P5081	YMR903	Truck ~ Isuzu FTR850 Tipper Truck	26-Feb-2003	O/TRUCK
P5091	YDA984	Truck ~ Isuzu FTR850 Cab Chassis	24-Jul-2002	O/TRUCK
P5101	YDA985	Truck ~ Isuzu FTR850 Cab Chassis	24-Jul-2002	O/TRUCK
P5111	AE12XO	Truck ~ Isuzu FTR900 Tipper Truck	7-Jun-2005	O/TRUCK
P5121	AE51BV	Truck ~ Isuzu FTR900 Tipper Truck	2-May-2005	O/TRUCK
P5131	AI90TD	Van ~ Ford Transit	25-Jan-2006	VAN
P5141	BD48UJ	Watercart ~ Isuzu FVR 1000 Watercart	2-Dec-2009	PLANT
P5152	AR96ZU	Bus ~ Toyota Hiace LWB Commuter Bus	5-Nov-2007	BUS
P5162	AY01HO	Bus ~ Toyota Hiace Commuter Bus	13-Oct-2008	BUS
P5172	AU91HP	Bus ~ Toyota Hiace Commuter Bus	4-Feb-2008	BUS
P5182	BD63RM	Bus ~ Toyota Hiace Commuter Bus	30-Oct-2009	BUS
P5190	WLF331	Van ~ Ford Transit	10-Jan-2000	VAN
P5200	WLF332	Van ~ Ford Transit	13-Jan-2000	VAN
P5212	BE12DL	Bus ~ Toyota Hiace Commuter Bus	2-Dec-2009	BUS
P5222	AV32JB	Bus ~ Toyota Coaster Bus	11-Apr-2008	BUS
P5231	AM89FZ	Bus ~ Toyota Coaster Bus	29-Sep-2006	BUS
P5271	YNX990	Truck ~ Isuzu NPR200 Short Table Top Truck	24-Mar-2003	U/TRUCK
P5272	AZ87PD	Truck ~ Isuzu NPR200 Truck	9-Feb-2009	U/TRUCK
P5291	69201C	Sweeper ~ MacDonald Johnston Madvac Footpath Sweeper	10-Mar-2006	PLANT
P5301	AI93QJ	Bus ~ Toyota Hiace Commuter Bus	25-Jan-2006	BUS

P5306	AT11QX	Bus ~ Toyota Hiace 14 Seater Commuter Bus	28-Dec-2007	BUS
P5311	AM24KR	Bus ~ Toyota Hiace 14 Seater Commuter Bus	9-Oct-2006	BUS
P5316	AM80AU	Bus ~ Toyota Hiace 14 Seater Commuter Bus	12-Sep-2006	BUS
P5601	YHH715	Tractor ~ Massey Ferguson 4225-2C Tractor	31-Oct-2002	MOWER
P5602	YHH716	Tractor ~ Massey Ferguson 4225-2C Tractor	31-Oct-2002	MOWER
P5610	ZFQ599	Van ~ Ford Transit Mid Roof Van	30-Mar-2004	VAN
P5620	ZIP903	Ute ~ Holden Rodeo 4x4 Turbo Diesel C/C	10-Jun-2004	UTE
P5640	AF35AR	Van ~ Ford Transit LWB Van	15-Jun-2005	VAN
P5650	R30545	Trailer ~ Single Axle Tilt Bed Plant Trailer	27-May-2005	TRAILER
P5660	R43501	Trailer ~ Dean Box Trailer	24-Jun-2005	TRAILER
P5670	R47255	Trailer ~ Classic Tradesman Trailer	21-Jul-2005	TRAILER
P5680	AK11UG	Ute ~ Mitsubishi 4x2 Triton Petrol Utility	14-Jun-2006	UTE
P5690	AM08FB	Van ~ Ford Transit LWB Van	3-Oct-2006	VAN
P5700	AL99FP	Ute ~ Mitsubishi 4x4 Triton Diesel Utility	15-Aug-2006	UTE
P5710	BB08PB	Truck ~ Isuzu NPR400 Cab Chassis with Caged Tipping Body	20-Oct-2006	O/TRUCK
P5720	Unregistered	Mower ~ Toro GM3280-D 4WD Mower & 72" Deck	3-Aug-2006	MOWER
P5730	AN07DT	Truck ~ Isuzu NPR300 Truck	22-Nov-2006	U/TRUCK
P5740	AM44YS	Truck ~ Isuzu NPR300 Truck	15-Nov-2006	U/TRUCK
P5750	AM23PE	Truck ~ Isuzu NPR200S Truck	24-Oct-2006	U/TRUCK
P5760	AN14ZG	Van ~ Ford Transit Cab Chassis	1-Feb-2007	U/TRUCK
P5770	AZ62YF	Truck ~ Isuzu NPR300 Truck	8-Apr-2009	U/TRUCK
P6623	Q56898	Trailer ~ Dean No. 17 Trailer ~ Cemetery	9-Jul-2004	TRAILER
P6633	AG63RA	Ute ~ Mitsubishi Triton 4x4 GLX Utility	19-Sep-2005	UTE
P6634	AG64RA	Ute ~ Mitsubishi Triton 4x4 GLX Utility	19-Sep-2005	UTE
P6635	AG61RA	Ute ~ Mitsubishi Triton 4x4 GLX Utility	19-Sep-2005	UTE
P6636	AG62RA	Ute ~ Mitsubishi Triton 4x4 GLX Utility	19-Sep-2005	UTE
P6640	S21412	Trailer ~ Community Education Trailer	31-May-2006	TRAILER
P6657	AT91UY	Truck ~ Isuzu NPR200 Truck	1-Feb-2008	U/TRUCK
P7000	AR64WM	Ute ~ Toyota Hilux 4x2 Workmate Utility	22-Oct-2007	UTE
P7010	AR25ZU	Ute ~ Ford PJ Ranger XL Supercab Utility	22-Oct-2007	UTE
P7030	AR36ZU	Ute ~ Ford PJ Ranger XL Supercab Utility	25-Oct-2007	UTE
P7050	BB02BS	Ute ~ Mitsubishi Club Cab Ute	8-Dec-2005	UTE
P7060	WUK187	Ute ~ Toyota Hilux 4x2 Utility	2-Aug-2000	UTE
P7071	BC31HC	Ute ~ Ford PK Ranger Supercab Utility	3-Aug-2009	UTE
P7080	WUK189	Ute ~ Toyota Hilux Extra Cab Utility	26-Jul-2000	UTE
P7090	WJN514	Ute ~ Mitsubishi 4x2 Triton Club Cab Utility	6-Dec-1999	UTE
P7101	AT44WJ	Ute ~ Ford Ranger XLS Supercab Utility	23-Jan-2008	UTE
P7130	XLZ793	Ute ~ Toyota Hilux 4WD Utility	30-Jul-2001	UTE
P7140	WVC058	Ute ~ Toyota Hilux 4x2 Utility	9-Aug-2000	UTE
P7152	BF64LT	Ute ~ Ford PK Ranger Supercab Utility	27-Apr-2010	
P7160	WUK181	Ute ~ Toyota Hilux 4x2 Utility	2-Aug-2000	UTE
P7170	AZ21TZ	Ute ~ Ford PJ Ranger XL Supercab Utility	3-Feb-2009	UTE
P7180	AZ22TZ	Ute ~ Ford PJ Ranger XL Supercab Utility	9-Feb-2009	UTE
P7190	BG37TL	Ute ~ Ford PJ Ranger XL Supercab Utility	28-Jun-2010	
P8106	Unregistered 201	Mower ~ Stealth R/mower 3.4mtr HW4	5-Oct-2000	MOWER

P8107	Unregistered 200	Mower ~ Stealth R/mower 3.4mtr HW5	5-Oct-2000	MOWER
P8108	Unregistered 199	Mower ~ Stealth R/mower 3.4mtr HW6	5-Oct-2000	MOWER
P8109	Unregistered 191	Mower ~ Stealth R/mower 12ft HW2	22-Nov-1999	MOWER
P8112	Unregistered 106	Mower ~ Jarrett 3.7 Wing Roller Mower - J5	29-Dec-1994	MOWER
P8121	Unregistered 206	Mower ~ Howard Procut 210 R/mower	14-Nov-2000	MOWER
P8135	Unregistered 026	Mower ~ Slasher Mower HSM 1	Not Provided	PLANT
P8136	Unregistered 125	Mower ~ Slasher Mower HSM 2	Not Provided	MOWER
P8138	Unregistered 126	Mower ~ Slasher Mower HSM 3	Not Provided	MOWER
P8139	Unregistered 127	Mower ~ Slasher Mower HSM 4	Not Provided	MOWER
P8140	Unregistered 128	Mower ~ Slasher Mower HSM 5	Not Provided	MOWER
P8144	J41951	Trailer ~ Dean (VCT) Trailer # 6	30-Aug-1995	TRAILER
P8146	N02078	Trailer ~ Dean Plant Carrying Trailer # 17	3-Nov-2000	TRAILER
P8147	H63163	Trailer ~ Single Axle Tilt Trailer # 3	11-Jul-1994	TRAILER
P8148	K56970	Trailer ~ Dean Plant Carrying Trailer # 8	4-Aug-1997	TRAILER
P8149	K56969	Trailer ~ Dean Plant Carrying Trailer # 7	4-Aug-1997	TRAILER
P8150	K56971	Trailer ~ Dean Plant Carrying Trailer # 9	4-Aug-1997	TRAILER
P8151	K56972	Trailer ~ Dean Plant Carrying Trailer # 10	5-Aug-1997	TRAILER
P8152	K56974	Trailer ~ Dean Plant Carrying Trailer # 11	5-Aug-1997	TRAILER
P8153	K75146	Trailer ~ Dean Plant Carrying Trailer # 34	3-Sep-1997	TRAILER
P8156	L81471	Trailer ~ Matax Trailer # 13	5-Feb-1999	TRAILER
P8160	M74470	Trailer ~ Classic Tradesman Trailer # 16	30-Aug-2000	TRAILER
P8161	M57229	Trailer ~ 7 x 4 Tradesman Trailer # 15	16-Mar-2000	TRAILER
P8162	H92534	Trailer ~ Dean Box Trailer # 4	28-Jun-1995	TRAILER
P8179	H91353	Trailer ~ Compressor ~ Atlas Copco Trailer # 33	23-Mar-1995	TRAILER
P8181	M30775	Caravan ~ Caravan (Maintenance)	19-Aug-1999	CARAVAN
P8182	M32028	Caravan ~ Caravan (Construction)	2-Sep-1999	CARAVAN
P8183	L95935	Caravan ~ Caravan (Maintenance)	1-Apr-1999	CARAVAN
P8184	L98722	Caravan ~ Caravan (Maintenance)	3-May-1999	CARAVAN
P8185	L82479	Caravan ~ Caravan (Maintenance)	15-Feb-1999	CARAVAN
P8186	M15379	Caravan ~ Caravan (Maintenance)	18-May-1999	CARAVAN
P8187	M20084	Caravan ~ Caravan (Construction)	28-May-1999	CARAVAN
P8188	L95900	Caravan ~ Caravan (Construction)	11-Mar-1999	CARAVAN
P8189	L82478	Caravan ~ Caravan (Construction)	15-Feb-1999	CARAVAN
P8190	M15380	Caravan ~ Caravan (Construction)	17-May-1999	CARAVAN
P8191	L95901	Caravan ~ Caravan (Maintenance)	11-Mar-1999	CARAVAN
P8192	L95933	Caravan ~ Caravan (Construction)	1-Apr-1999	CARAVAN
P8193	L98721	Caravan ~ Caravan (Construction)	3-May-1999	CARAVAN
P8194	M20083	Caravan ~ Caravan (Maintenance)	28-May-1999	CARAVAN
P8226	Unregistered 111	Plant ~ Fowler Rex Kerbmaker	12-Aug-1993	PLANT
P8252	Unregistered 021	Roller ~ Single drum roller	25-May-1994	PLANT
P8264	H97570	Trailer ~ Classic (VCT) Trailer # 5	10-Jan-1995	TRAILER
P8265	M31546	Trailer ~ Trailer (Dingo)	6-Oct-1999	TRAILER
P8267	L55115	Trailer ~ Tandem Axle Plant Trailer # 36	1-Jul-1998	TRAILER
P8268	L70823	Trailer ~ 7800kg "Rogers" Trailer # 38	15-Oct-1998	TRAILER
P8269	L81408	Trailer ~ 4400kg "Rogers" Trailer # 39	15-Oct-1998	TRAILER
P8270	L55093	Trailer ~ Tandem Axle Plant Trailer # 35	20-Jun-1998	TRAILER
P8274	V84613	Trailer ~ 6 x 4 (Linemarker) Trailer # 31	31-Dec-1990	TRAILER
P8275	L97843	Trailer ~ (Impounded) Sign Trailer # 73	16-Dec-1998	TRAILER
P8290	N08876	Trailer ~ Dean Plant Carrying Trailer # 18	7-Feb-2001	TRAILER

P8291	M14079	Trailer ~ Classic Tradesman Trailer # 14	23-Sep-1999	TRAILER
P8292	M22371	Caravan ~ Caravan (Construction)	23-Jun-1999	CARAVAN
P8299	Unregistered 156	Mower ~ Razorback Mower TM 371W - J11	18-Dec-1997	MOWER
P8300	Unregistered 157	Mower ~ Razorback Mower TM 371W - J10	18-Dec-1997	MOWER
P8301	Unregistered 158	Mower ~ Razorback Mower TM 371W - J9	18-Dec-1997	MOWER
P8303	Unregistered 160	Mower ~ Razorback Mower TM 371W - J7	18-Dec-1997	MOWER
P8304	L54006	Trailer ~ Dean Plant Carrying Trailer # 12	13-Oct-1998	TRAILER
P8307	G66205	Trailer ~ Dog Cage Trailer # 54	15-Nov-1992	TRAILER
P8328	Unregistered 8328	Mower ~ Jarrett TM372 Wing Mower	31-Mar-2009	MOWER
P8368	N31823	Trailer ~ Tuza Horsefloat Trailer # 64	3-Jul-2001	TRAILER
P8382	N42626	Trailer ~ Dean Plant Carrying Trailer # 41	23-Aug-2001	TRAILER
P8398	N80892	Trailer ~ 7 x 496A Classic trailer # 22	31-Jan-2002	TRAILER
P8458	P48996	Trailer ~ 5 Tonne Cargo Trailer	19-Dec-2002	TRAILER
P8459	Unregistered 8459	Parks ~ Roller Mower R/Wheels	23-Oct-2002	PLANT
P8460	Unregistered 8460	Parks ~ Jarrett Roller Mower	23-Oct-2002	PLANT
P8478	P61784	Trailer ~ Dean Trailer	1-Jan-2003	TRAILER
P8512	P82197	Trailer ~ Single Axle 2.4 x 1.5	12-Aug-2003	TRAILER
P8527	Unregistered 8527	Parks ~ Howard EHD180 Roto Slasher	24-Sep-2003	PLANT
P8565	Q43650	Trailer ~ Classic Trailer 6 x 4	18-Mar-2004	TRAILER
P8605	R19892	Trailer ~ Road Safety Project	14-Jan-2005	TRAILER
P8639	R64657	Trailer ~ Dean No. 17 Plant Trailer	29-Sep-2005	TRAILER
P8640	R64656	Trailer ~ Dean No. 17 Plant Trailer	29-Sep-2005	TRAILER
P8641	R51972	Trailer ~ Dean No. 17 Plant Trailer	29-Sep-2005	TRAILER
P8642	R64655	Trailer ~ Dean No. 17 Plant Trailer	29-Sep-2005	TRAILER
P8643	Unregistered 8643	Mower ~ Toro GM3280-D 4WD Mower & 72" Deck	29-Sep-2005	MOWER
P8644	Unregistered 8644	Mower ~ Toro GM3280-D 4WD Mower & 72" Deck	29-Sep-2005	MOWER
P8646	Unregistered 8646	Mower ~ Toro GM3280-D 4WD Mower & 72" Deck	29-Sep-2005	MOWER
P8647	R51960	Trailer ~ Dean Trailer 2.44m x 1.5m	30-Aug-2005	TRAILER
P8665	R77709	Trailer ~ Dean No. 8 Plant Trailer	12-Dec-2005	TRAILER
P8713	Unregistered 8713	Mower ~ Husqvarna Z4218 Mower	4-Aug-2006	MOWER
P8720	S38018	Trailer ~ Dean No. 17 Single Axle Tilt Bed Plant Trailer	24-Aug-2006	TRAILER
P8730	S38017	Trailer ~ Dean No. 12D Single Axle Trailer	21-Aug-2006	TRAILER
P8731	Unregistered 8731	Plant ~ Hako-Hamster V700 Sweeper	13-Oct-2006	PLANT
P8740	S38019	Trailer ~ Dean No. 190S Single Axle Tilt Bed Plant Trailer	24-Aug-2006	TRAILER
P8800	R34002	Trailer ~ ATA Box Trailer	Not Provided	TRAILER
P8827	Unregistered 8827	Mower ~ Walker MB42SD Mower	31-Mar-2008	MOWER
P8828	Unregistered 8828	Mower ~ Walker MB42SD Mower	31-Mar-2008	MOWER
P8861	Unregistered 8861	Mower ~ Husqvarna BZ27XP Zero Turn Mower	8-Jul-2008	MOWER
P8872	Unregistered 8872	Mower ~ Jarrett 3.7m Wing Mower	21-Jul-2008	PLANT
P8874	U99710	Trailer ~ BT126 Mower Trailer	11-Aug-2008	TRAILER
P8875	U99711	Trailer ~ BT126 Mower Trailer	11-Aug-2008	TRAILER
P8895	Unregistered 8895	Mower ~ Iseki SZ330 Zero Turn Mower	18-Feb-2009	MOWER
P8908	Unregistered 8908	Mower ~ Toro Groundmaster GM7200-D Mower	11-Mar-2009	MOWER

P8923	Unregistered 8923	Mower ~ Walker MB Zero Turn Mower	20-Mar-2009	MOWER
P8926	V40759	Trailer ~ Dean No. 17 Plant Trailer	16-Mar-2009	TRAILER
P8927	V40758	Trailer ~ Dean No. 17 Plant Trailer	16-Mar-2009	TRAILER
P8928	Unregistered 8928	Mower ~ Howard Stealth Mower	19-Feb-2009	MOWER
P8929	V60244	Trailer ~ ATA Single Axle Trailer	21-May-2009	TRAILER
P8931	Unregistered 8931	Mower ~ Hustler FSD 19/42 Mower	17-Apr-2009	MOWER
P8932	Unregistered 8932	Mower ~ Hustler FSD 19/42 Mower	17-Apr-2009	MOWER
P8945	Unregistered 8945	Mower ~ Toro GM7200 Mower with Debris Blower Attached	5-Jul-2009	MOWER
P8946	Unregistered 8946	Plant ~ Karcher 1C 15/240W Litter Machine	25-Jun-2009	PLANT
P8968	Unregistered 8968	Mower ~ Toro GM3280-D 4WD Mower & 72" Deck	6-Nov-2006	MOWER
P8991	W19793	Trailer ~ ATA Tilt Bed Mowing Single Axle Trailer	24-May-2010	TRAILER
P8992	K61FK	Mower ~ Toro GM4000-D Mower	19-May-2010	MOWER
P8993	W40106	Trailer ~ Dean No. 18 Tilt Tray Bed Trailer	16-Jun-2010	TRAILER
B. Rural Fire Service (RFS) Operated Plant				
P6526	AB21CP	RFS ~ Tanker Mitsubishi Canter 4x4	Not Provided	RFS
P6532	AC01CH	RFS ~ Tanker Mitsubishi Cat7 B/F Tanker	12-May-2000	RFS
P6534	F78538	RFS ~ Trailer ~ 603 Box Trailer # 51	13-Sep-1991	RFS
P6543	QGA820	RFS ~ Truck ~ Isuzu Crew Cab Lorry	14-Apr-1993	RFS
P6582	RX1505	RFS ~ Bushfire Trailer	31-Dec-1985	RFS
P6591	XIG582	RFS ~ Ute ~ Toyota Hilux 4x4 Utility	30-Apr-2001	RFS
P6596	AB14CP	RFS ~ Isuzu FTS750 4x4 Crew	3-May-2002	RFS
P6597	XZQ798	RFS ~ Bus ~ Toyota Coaster Bus	31-May-2002	RFS
P6598	AB90JY	RFS ~ Isuzu FTS750 4x4 Crew	15-May-2002	RFS
P6600	RFS41F (XXQ 220)	RFS ~ Diahatsu Delta Utility	7-Aug-2002	RFS
P6603	AB16CP	RFS ~ Isuzu FTS750 Crew	7-Mar-2003	RFS
P6605	P53490	RFS ~ Allight Manual Lighting Tower on Trailer	19-Aug-2002	RFS
P6608	AB60DM	RFS ~ Hino Ranger 5Z Crew - Cat 11 Pumper	31-Oct-2003	RFS
P6613	AB89JY	RFS ~ Isuzu FTS750 Crew Cab - Cat 1 Fire Tanker	23-Dec-2003	RFS
P6614	AB69CN	RFS ~ Isuzu FTS750 Crew Cab - Cat 1 Fire Tanker	23-Dec-2003	RFS
P6625	AA99GJ	RFS ~ Toyota Landcruiser	18-Aug-2004	RFS
P6626	AC74SH	RFS ~ Isuzu FTS750 Fire Tanker	13-Dec-2004	PLANT
P6627	UNREG6627	RFS ~ Com-ute-r Punt Boat	Not Provided	PLANT
P6628	Q66594	RFS ~ Handmade Boat Trailer 2004	Not Provided	TRAILER
P6629	AD18EE	RFS ~ Truck ~ Mitsubishi Canter	24-Jan-2005	PLANT
P6637	AI91KA	RFS ~ Isuzu FTS Fire Tanker	23-Dec-2005	RFS
P6641	AM10AS	RFS ~ Mitsubishi Canter Fire Tanker Cat 7	8-Sep-2006	PLANT
P6642	AM15FA	RFS ~ Toyota Hilux 4x4 Crew Cab Utility	20-Oct-2006	UTILITY
P6643	AM16FA	RFS ~ Toyota Hilux 4x4 Crew Cab Utility	20-Oct-2006	UTILITY
P6644	AM29QV	RFS ~ Toyota 4x4 Landcruiser	24-Oct-2006	WAGON
P6645	AM27QV	RFS ~ Toyota 4x4 Landcruiser	24-Oct-2006	WAGON
P6646	AM28QV	RFS ~ Toyota 4x4 Landcruiser	25-Oct-2006	WAGON
P6647	AM13FA	RFS ~ Toyota 4x4 Landcruiser	18-Oct-2006	WAGON

P6648	AM14FA	RFS ~ Toyota 4x4 Landcruiser	18-Oct-2006	WAGON
P6649	AM22FA	RFS ~ Toyota 4x4 Landcruiser	18-Oct-2006	WAGON
P6651	AM76YS	RFS ~ Nissan Patrol Y60 (1995 - Second Hand) Utility	5-Jul-2007	UTE
P6654	AR89ZY	RFS ~ Isuzu FTS Crew Cab Fire Tanker	19-Oct-2007	RFS
P6660	AW14MN	RFS ~ Isuzu Cat 1 Fire Tanker	7-Jul-2008	RFS
P6661	AY54CQ	RFS ~ Mitsubishi Canter Fire Tanker Cat 7	1-Sep-2008	RFS
P6662	AW87ZO	RFS ~ Mitsubishi Canter Fire Tanker Cat 7	12-Sep-2008	RFS
P6663	AW88ZO	RFS ~ Mitsubishi Canter Fire Tanker Cat 7	12-Sep-2008	RFS
P6664	AY16WF	RFS ~ Isuzu Category 1 Tanker	20-Nov-2008	RFS
P6665	AY17WF	RFS ~ Isuzu Category 1 Tanker	20-Nov-2008	RFS
P6666	BB98FN	RFS ~ Mitsubishi Canter Fire Tanker Cat 7	30-Jun-2009	RFS
P6671	BH57HK	RFS ~ Isuzu FFP RFS Truck	26-Jul-2010	RFS
C. State Emergency Service (SES) Operated Plant				
P6540	K76410	SES ~ Trailer ~ Matax Trailer # 58	25-Sep-1997	TRAILER
P6541	K76411	SES ~ Trailer ~ Matax Trailer # 59	26-Sep-1997	TRAILER
P6546	WKN838	SES ~ Truck ~ Isuzu FRR550 Lorry	22-Dec-1999	O/TRUCK
P6547	WLD853	SES ~ Toyota L/Cruiser T/Carrier	25-Feb-2000	RFS
P6622	P76387	SES ~ Boat Trailer	16-May-2004	TRAILER
P6630	AF03GM	SES ~ Toyota Hilux 4x4 Dual Cab Utility	23-Jun-2005	UTE
P6631	AF58YT	SES ~ Nissan Patrol 4x4 Diesel Wagon	25-Jul-2005	WAGON
P6632	AG64HR	SES ~ Nissan Patrol 4x4 Diesel Wagon	24-Aug-2005	WAGON
P6650	S75958	SES ~ Single Axle 8x5 Trailer with cage	5-Jan-2007	TRAILER
P6658	U81900	SES ~ Enclosed Single Axle Trailer	26-May-2008	TRAILER
P6659	UJJ295	SES ~ Isuzu NPR300 Crewcab Truck	31-Mar-2008	O/TRUCK
P6669	I11	SES ~ Boat (linked to trailer P6670)	6-Apr-2010	SES
P6670	V96006	SES ~ Trailer for Boat I11 (Plant P6669)	6-Apr-2010	SES
P8630	R50420	Trailer ~ Welfare Trailer	22-Jun-2005	TRAILER
1. EQUIPMENT REGISTER				
A. Council Operated Equipment				
P7020	AR35ZU	Parks ~ Aerway Turf Aerator	25-Oct-2007	UTE
P8066	Unregistered 129	Parks ~ Harrow 3 Parts	Not Provided	PLANT
P8122	Unregistered 028	Parks ~ Rotavator	27-May-1994	PLANT
P8165	Unregistered 188	Parks ~ Aerway Turf Aerator	8-Sep-1999	PLANT
P8166	Unregistered 164	Parks ~ Aerway Turf Aerator	9-Sep-1998	PLANT
P8198	22728C	Plant ~ Dingo Diesel Digger 20HP	6-Oct-1999	PLANT
P8208	UBV998	Forklift ~	1-May-1993	PLANT

P8217	Unregistered 185	Mitz. Plant ~ Selectronic Sine Wave Inverter	Not Provided	PLANT
P8218	Unregistered 186	Plant ~ Selectronic Sine Wave Inverter	Not Provided	PLANT
P8219	Unregistered 220	Plant ~ Selectronic Sine Wave Inverter	Not Provided	PLANT
P8220	Unregistered 184	Plant ~ Selectronic Sine Wave Inverter	Not Provided	PLANT
P8229	Unregistered 180	Plant ~ Lathe Brake	13-May-1999	PLANT
P8235	Unregistered 044	Plant ~ Super 60.GE Linemarking Machine 1990	Not Provided	PLANT
P8257	Unregistered 183	Plant ~ Hot Water Pressure Cleaner	17-Aug-1999	PLANT
P8259	Unregistered 182	Plant ~ Concrete Cutter 16" 3 Power	26-Jul-1999	PLANT
P8282	Unregistered 065	Plant ~ Wacker Rammers	Not Provided	PLANT
P8287	Unregistered 103	Plant ~ Bobcat 2250 Welding Machine	1-Sep-1994	PLANT
P8288	Unregistered 117	Plant ~ S/hand 3000 ltr Water Tank	20-Oct-1994	PLANT
P8289	Unregistered 041	Plant ~ Water Tank with pump 1966	Not Provided	PLANT
P8293	Unregistered 099	Plant ~ Compuland 4000	6-May-1996	PLANT

		Weighing System		
P8294	Unregistered 114	Plant ~ Compuland 4000 Weighing System Printer	6-May-1996	PLANT
P8306	Unregistered 075	Plant ~ Vibrating Plates Compactor Concrete 1981	Not Provided	PLANT
P8311	Unregistered 046	Plant ~ Pipe Detector Model 8301	Not Provided	PLANT
P8312	Unregistered 043	Plant ~ Hoist 4 Post Auto Lift W/Shop	Not Provided	PLANT
P8313	Unregistered 045	Parks ~ Howard Rotary Hoe 1967	Not Provided	PLANT
P8314	Unregistered 024	Parks ~ Disc Harrow Plate 14"	Not Provided	PLANT
P8386	Unregistered 221	Parks ~ Vicon Spreader - Howard HSS500	30-Nov-2001	PLANT
P8395	Unregistered 8395	Plant ~ Gas Detector - Confined Space Kit	19-Feb-2002	PLANT
P8396	Unregistered 8396	Plant ~ Gas Detector - Confined Space Kit	19-Feb-2002	PLANT
P8397	Unregistered 8397	Plant ~ Gas Detector - Confined Space Kit	19-Feb-2002	PLANT
P8445	Unregistered 222	Plant ~ Handsaw K-1250 16" Portrar	7-Mar-2002	PLANT
P8457	Unregistered 8457	Plant ~ 2.7m Tripod &	10-Oct-2002	PLANT

			Harness Winch		
P8470	Unregistered 8470		Plant ~ Crane Backsaver 300kg Manual	19-Nov-2002	PLANT
P8803	Unregistered 8803		Mower ~ Jarrett TS360 Wing Mower Attachment	28-Sep-2007	MOWER
P8805	Unregistered 8805		Plant ~ Hyster H2.50DX Forklift (S/Hand)	10-Oct-2007	PLANT

Appendix C Fleet and Plant Projected Replacement Value

Asset Category	Projected Replacement Value Increase			
	YEAR 1	YEAR 2	YEAR 3	YEAR 4
Light Vehicles (e.g. Passenger cars, utilities but excl. trade staff utilities and vans)	\$5,950,279	\$6,128,787.37	\$6,312,650.99	\$6,502,030.52
Registered Plant (e.g. street sweepers, trucks, community buses and tractors and trade staff utilities and vans)	\$12,441,016	\$12,814,246.48	\$13,198,673.87	\$13,594,634.09
Unregistered Plant (not intended to be driven on the road, eg ride-on mowers, small road rollers)	\$998,633	\$1,028,591.99	\$1,059,449.75	\$1,091,233.24
Equipment (eg depot forklift, wacker rammers, welding machine but excl. whipper snippers, hedgers, blowers, etc)	\$178,673	\$184,033.19	\$189,554.19	\$195,240.81
Emergency vehicles (eg trucks, utes and people movers used by Rural Fire Service and State Emergency Service)	\$4,226,568	\$4,353,365.04	\$4,483,965.99	\$4,618,484.97
Total	\$23,795,169.00	\$24,509,024.07	\$25,244,294.79	\$26,001,623.64

Appendix D Total Plant and Vehicle Annual Operating Cost

Expenditure details		Light Vehicles	Plant & Equipment	Totals
Activity No.	Item Description	(Motor Vehicles)		
n/a	Opportunity Cost	\$ 231,261.17	\$ 469,438.84	\$ 700,700.01
9108	Depreciation	\$ 540,259.17	\$ 780,712.63	\$ 1,320,971.80
1624	Insurance	\$ 85,554.00	\$ 89,592.00	\$ 175,146.00
1631	CTP Greenslip	\$ 9,070.01	\$ 801,185.45	\$ 810,255.46
1640	Registration	\$ 147,137.16	\$ 65,722.01	\$ 212,859.17
	Servicing ~ Labour	\$ 135,953.96	\$ 826,520.19	\$ 962,474.15
	~ Mech/Elec			
1540:1541	Contract	\$ -	\$ 103,455.02	\$ 103,455.02
14..	Other materials	\$ 52,268.62	\$ 555,380.84	\$ 607,649.46
1442	Fuel	\$ 616,240.92	\$ 621,025.90	\$ 1,237,266.82
1444	Tyres	\$ 34,652.38	\$ 88,215.64	\$ 122,868.02
1516	Sullage Collection	\$ -	\$ 12,900.00	\$ 12,900.00
	Subtotal	\$ 1,852,397.39	\$ 4,414,148.52	
	Accident Costs	\$ 61,566.58	\$ 6,840.73	\$ 68,407.31
4240	Management Fees	n/a	\$ 87,498.09	\$ 87,498.09
9302:1553	Overhead Expenses	n/a	\$ 40,475.64	\$ 40,475.64
	Totals	\$ 1,913,963.97	\$ 4,548,962.98	\$ 6,462,926.95

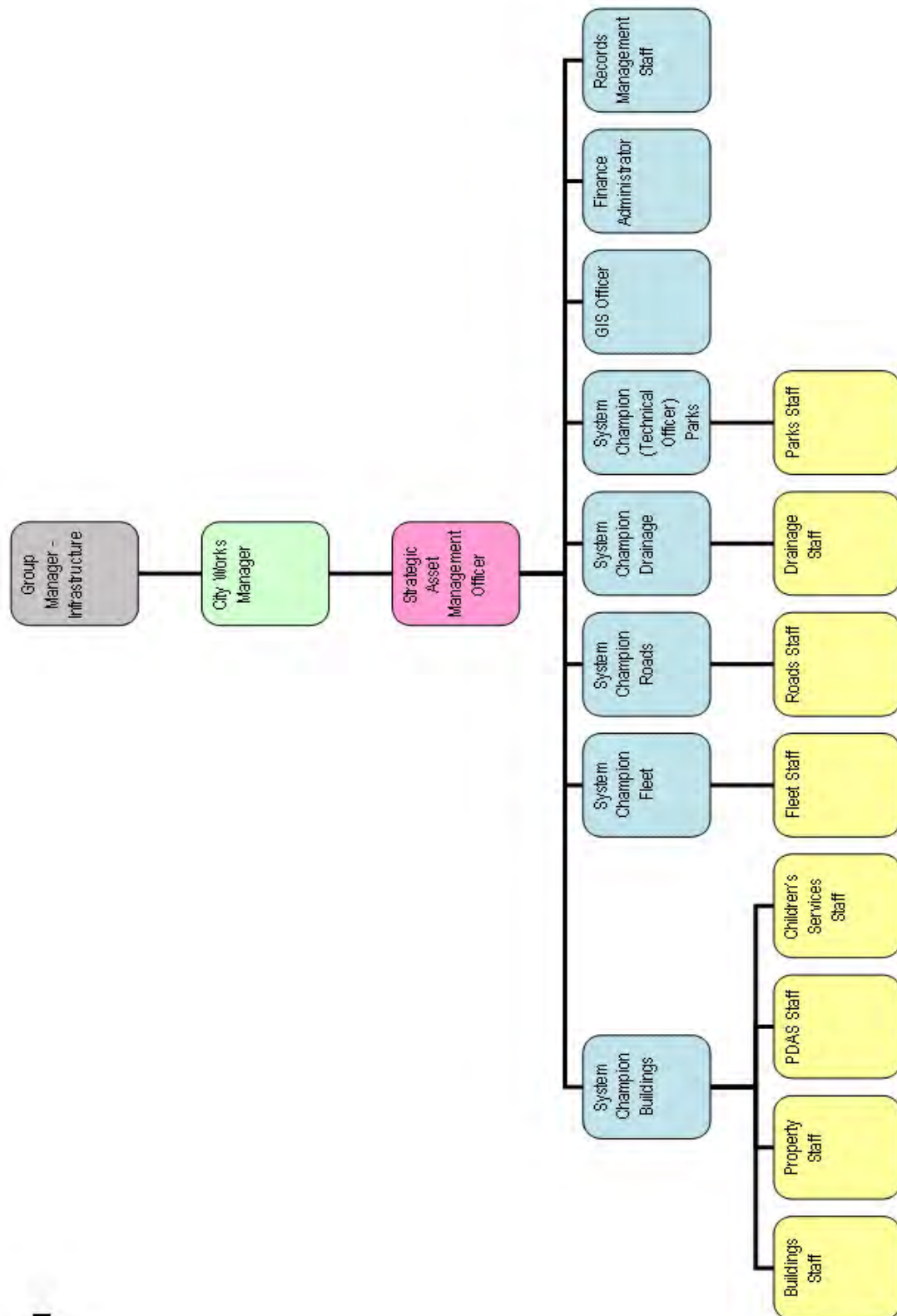
Notes:

- 1 Opportunity Costs are 4% of purchase cost as funds could have been allocated elsewhere
- 2 Insurance costs are allocated to sections not plant items nos., therefore 90/10 % split is assumed
- 3 Sullage collection are provided to site caravans with amenity facilities

Plant and Fleet 10 Year Scenario			Notes
10 Year Sustainability Ratio			
Required 10 Year	Total (\$)	Annual (\$)	
Replacement	\$46,000,000.00	\$4,600,000.00	
Maintenance/Operating	\$69,000,000.00	\$6,900,000.00	
Total	\$115,000,000.00	\$11,500,000.00	
Planned 10 Year	Total (\$)	Annual (\$)	
Replacement	\$38,213,000.00	\$3,821,300.00	
Maintenance/Operating	\$64,629,270.00	\$6,462,927.00	
Total	\$102,842,270.00	\$10,284,227.00	
10 Year Sustainability Ratio			
Planned		\$102,842,270.00	
Required		\$115,000,000.00	
Ratio		0.89	
Average Annual Lifecycle Sustainability Ratio			
Lifecycle Cost		Annual (\$)	
Replacement	AAAC	\$4,600,000.00	
Maintenance/Operating	10 Year Average	\$6,900,000.00	
Total		\$11,500,000.00	
Lifecycle Expenditure		Annual (\$)	
Replacement	10 Year Average	\$3,821,300.00	
Maintenance/Operating	10 Year Average	\$6,462,927.00	
Total		\$10,284,227.00	
Average Annual Lifecycle Sustainability Ratio			
Planned		\$10,284,227.00	
Required		\$11,500,000.00	
Ratio		0.89	

Appendix F Asset Management Systems Structure

Responsibilities for administering asset management systems are as follows:



THIS PAGE HAS BEEN LEFT BLANK

THIS PAGE HAS BEEN LEFT BLANK



Penrith City Council

Proudly printed in-house at Penrith City Council on 100% recycled paper.

For more information contact Penrith City Council's
Asset Systems team on 02 4732 7910

Penrith City Council, 601 High St, Penrith NSW 2750

Telephone: 02 4732 7777

Website: www.penrithcity.nsw.gov.au

Interpreting Assistance

ENGLISH	If you do not understand this, please contact the Telephone Interpreting Service on 131 450 and ask them to contact Penrith City Council on your behalf on (02) 4732 7777. Or come to the Council offices and ask for an interpreter.
ARABIC	إذا لم يكن بإمكانك قراءة النص أعلاه، الرجاء الاتصال بخدمات الترجمة الفورية الهاتفية (TIS) على الرقم 131 450 والطلب منهم الاتصال بدورهم بمجلس مدينة بنريث نيابة عنك على الرقم 4732 7777 (02). أو يمكنك الحضور إلى المجلس وطلب ترتيب مترجم فوري لك.
CHINESE	如果您无法阅读这些文字，请致电 131 450 联系电话传译服务中心，请他们代您拨打 (02) 4732 7777 联系 Penrith 市议会。您也可以亲自到市议会来并要求获得口译服务。
GREEK	Αν δεν μπορείτε να το διαβάσετε αυτό, τηλεφωνήστε στην Τηλεφωνική Υπηρεσία Διερμηνέων στο 131 450 και ζητήστε τους να επικοινωνήσουν με το Δήμο Penrith (Penrith City Council) για λογαριασμό σας στον αριθμό (02) 4732 7777, ή ελάτε στη Δημαρχία και ζητήστε διερμηνέα.
HINDI	यदि आप इसे नहीं पढ़ पाते हैं, तो कृपया 131 450 पर टेलीफोन दुभाषिया सेवा से संपर्क करें और उनसे कहें कि वे आपकी ओर से पेनरथि सिटी काउंसिल से (02) 4732 7777 पर संपर्क करें. या आप काउंसिल आएँ और एक दुभाषिया की माँग करें.
ITALIAN	Se non riuscite a leggere questo, contattate il servizio telefonico di interpretariato al numero 131 450 e chiedetegli di contattare da parte vostra il comune di Penrith City al numero (02) 4732 7777 oppure venite in comune e richiedete un interprete.
MALTESE	Jekk ma tistax taqra dan, jekk jogħġbok, ikkuntattja lit-Telephone Interpreting Service fuq 131 450 u itlobhom biex jikkuntattjaw Penrith City Council f'ismek fuq (02) 4732 7777. Jew ejja l-Kunsill u itlob għal interpretu.
PERSIAN	اگر نمی توانید این مطلب را بخوانید، لطفاً به خدمات ترجمه تلفنی به شماره 131 450 زنگ بزنید و از آنان بخواهید با شورای شهر پنریت Penrith City Council به شمار 4732 7777 (02) از جانب شما تماس بگیرند. یا اینکه به شهرداری Council آمده و مترجم بخواهید.
SINGHALESE	ඔබට මෙය කියවීමට නොහැකි නම්, කරුණාකර දුරකථන අංක 131 450 ඔබගේ දුරකථන ජංචික සේවාව (Telephone Interpreting Service) අමතා ඔබ වෙනුවෙන් දුරකථන අංක (02) 4732 7777 අමතා පෙන්රිත් නගර සභාව (Penrith City Council) හා සම්බන්ධ කර දෙන ලෙස ඉල්ලා සිටින්න. තැනිතම් නගර සභාව වෙත පැමිණ හානා ජංචික සේවකයකු ලබා දෙන ලෙස ඉල්ලා සිටින්න.
TAMIL	இதை உங்களால் வாசிக்க இயலவில்லை என்றால், 'தொலைபேசி உரைபெயர்ப்பு சேவை'யை 131 450 எனும் இலக்கத்தில் அழைத்து 'பென்ரித் நகரவையுடன்' (02) 4732 7777 எனும் இலக்கத்தில் உங்கள் சார்பாக தொடர்பு கொள்ளுமாறு கேளுங்கள். அல்லது நகரவைக்கு விஜயம் செய்து உரைபெயர்ப்பாளர் ஒருவர் வேண்டுமெனக் கேளுங்கள்.
VIETNAMESE	Nếu quý vị không thể đọc được thông tin này, xin liên lạc Dịch Vụ Thông Dịch Qua Điện Thoại ở số 131 450 và yêu cầu họ thay mặt quý vị liên lạc với Hội Đồng Thành Phố Penrith ở số (02) 4732 7777. Hoặc hãy tới Hội Đồng và yêu cầu có thông dịch viên.

Contact:	Penrith City Council Civic Centre 601 High Street Penrith NSW	Telephone: 02 4732 7777 Facsimile: 02 4732 7958 E-Mail: pencit@penrithcity.nsw.gov.au
-----------------	--	--