

LODDON SHIRE COUNCIL

Loddon Waste Management Strategy 2011 - 2016



LODDON
SHIRE

ADOPTION OF PLAN

LEVEL: Council

APPROVAL DATE:

REVIEW CYCLE: Annual

ATTACHMENTS: Nil

EVIDENCE OF APPROVAL:

Signed by Chief Executive Officer

CONTENTS

Loddon Waste Management Strategy

Table of Contents

1. Executive Summary	4	
2. Introduction	5	
2.1 Overview		5
2.2 Profile		5
2.3 Relationship with Other Planning Documents		5
2.4 Asset Management		6
2.5 Existing Services and Facilities included in the Strategy		6
2.6 Key Objectives		8
2.7 Legislative Requirements		9
3. Kerbside Waste and Recycling Collection Services	12	
3.1 Municipal Waste		12
3.2 Recycling		12
3.3 Current Waste Management Contracts		13
3.4 Landfills and Transfer Stations		13
3.4.1 Landfill Schedule		15
3.4.2 Infrastructure Works Program		15
4. Resource Recovery	17	
4.1 Hardwaste		17
4.2 Organics		17
4.3 Commercial and Industrial		17
4.4 Construction and Demolition		17
5. Opportunities	17	
5.1 Alternative Waste Technology		17
5.2 Gas Collection		17
5.3 Three Bin System		17
6. Other Collections	18	
6.1 drumMUSTER		18
6.2 Detox Your Home		18
6.3 Agricultural Plastics		18
6.4 Scrap Metal		18
6.5 Litter		19
6.6 Street Sweeping		19
6.7 Waste Oil		20
6.8 E-Waste		20
7. Waste Education	20	
7.1 Community		20
7.2 Waste Wise Accreditation		21
7.3 Buy Recycled		21
8. Waste Management Performance Monitoring	21	
8.1 Best Value		21
8.2 Performance Monitoring		21
9. Action Plan	22	

1. Executive Summary

This strategy provides the framework for developing and implementing environmentally sustainable waste management policies and initiatives over the period 2011 – 2016. A number of targets are identified, the achievement of which will rely on the commitment of all key stakeholders including the Council, Loddon residents, businesses and visitors.

The Loddon Shire Council acknowledges that sound waste management practices are necessary for the achievement of sustainability and for effective service delivery to the community, so this Waste Management Strategy has strong links with the Council Plan 2011 – 2016 and Climate Change Adaptation Plan 2009.

The development of this document takes into account:

- Current practices;
- Landfill diversion targets set by government;
- State government policies and directions;
- The role of the Central Murray Regional Waste Management Group;
- The need to make waste and recycling services cost-effective; and
- Community expectations

The following have been identified in the Waste Management Strategy Action Plan:

- Encourage residents to increase rate of recycling through education and provision of adequate services
- Support and implement waste diversion programs to reduce waste to landfill
- Progressively rehabilitate all closed landfills in accordance with the EPA guidelines
- Promote the availability of recycling facilities at all transfer stations and landfills. (Get it Sorted program)
- Implement public place recycling in the towns of Boort, Bridgewater, Inglewood, Newbridge, Pyramid Hill, Serpentine and Wedderburn
- Explore alternatives for green waste
- Encourage home composting and worm farms
- Investigate three bin system
- Review all gate fee charges annually

2. Introduction

2.1 Overview

Located some 175 kms north west of Melbourne and covering an area of 6,700 square Kilometers, Loddon Shire is the seventh largest municipality by area in Victoria. The Shire is home to approximately 8,000 people, half of whom reside in the eleven townships dispersed throughout the Shire. Despite some obvious disadvantages relative to geographical isolation, large transport distances and small population centres, Council is committed to providing environmentally responsible and sustainable waste management services to the community.

2.2 Profile

The Loddon Shire Council has a decreasing and aging population base as can be seen in Table 1.

Table 1: Loddon Shire Council Population

	1996	2001	2006	2008	Square Km
Loddon Shire Council	8,586	8,604	8,087	8,073	6,694
TOTAL	8,586	8,604	8,087	8,073	6,694

** Estimated resident population based on 2006 Census data*

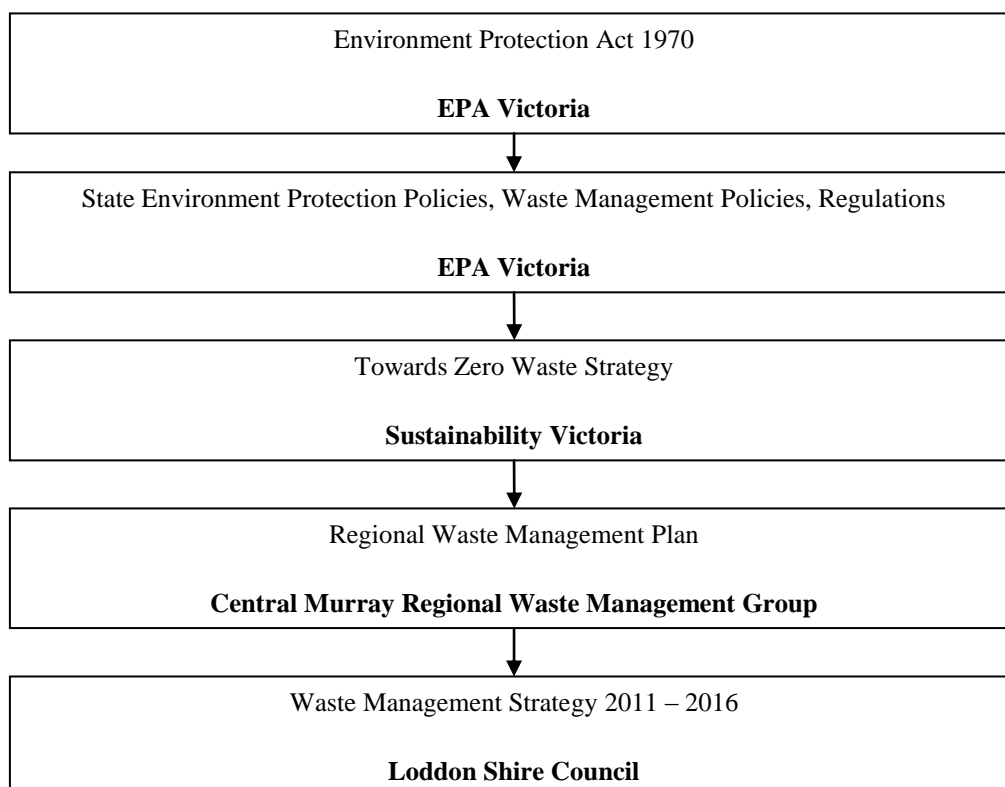
2.3 Relationship with Other Planning Documents

Loddon Shire Council adopted a Waste Management Plan in June 1997. This Plan addressed kerbside collections and landfills within the municipality. An action plan was prepared as part of the Waste Management Plan.

Changes in Government Policy and improvements in 'Best Practice' for waste management have led to a review of the Waste Management Plan and preparation of this document, the Loddon Shire Council Waste Management Strategy 2011-2016.

Figure 1 shows the relationship of the Waste Management Strategy within the framework of the Victorian Environmental Policy and State Waste Management Planning.

Figure 1: Framework of Victorian Environmental Policy and Waste Management Planning



2.4 Asset Management

Council's assets at four operating waste sites, two transfer stations and two closed landfill sites have a replacement value of approximately \$180,000 and are considered minor in nature.

Day to day operation activities are undertaken at waste facilities by appropriately trained staff. Experienced contractors carry out cover and excavation works at operating landfill sites.

All sites are manned during operating hours providing site security along with the best practice fencing, the provision of an amenity block, toilets for staff and water for firefighting purposes.

Operation and maintenance works are carried out under site specific waste management items in the annual landfill budget.

No renewal, replacement or upgrade of waste management assets are planned during the life of this waste management strategy.

When the Inglewood waste facility is converted to a transfer station any unwanted assets will be decommissioned, redeployed or considered for disposal.

2.5 Existing Services and Facilities included in the Strategy

The Loddon Shire Council is currently serviced by a network of six waste management facilities comprising four unlicensed landfills and two transfer stations (Figure 2). As each of the sites in the Loddon Shire service less than 5,000 people no EPA license is required.

An analysis of use of each site was undertaken in 2006/2007 along with community consultation to determine need and practical operating days and hours. Operating hours were reduced at each site following the introduction of the kerbside recycling collection in 2007.

Current Operating Sites:

Boort Landfill

The Boort Landfill is located in Tip Road (off Boort/Quambatook Road), Boort. This site accepts domestic waste, commercial waste and recycling.

Dingee Transfer Station

The Dingee Transfer Station is located in Lawry's Road, Dingee. This site accepts domestic waste and recycling only.

Inglewood Landfill

The Inglewood Landfill is located in North Street (Salisbury Road), Inglewood. This site accepts domestic waste, commercial waste and recycling.

Newbridge Landfill

The Newbridge Landfill is located in Tip Road (opp Bridgewater Newbridge Road), Newbridge. This site accepts domestic waste, commercial waste and recycling.

Pyramid Hill Landfill

The Pyramid Hill Landfill is located in Cemetery Road, Pyramid Hill. This site accepts domestic waste, commercial waste and recycling.

Wedderburn Transfer Station

The Wedderburn Transfer Station is located in Station Street, Wedderburn. This site accepts domestic waste and recycling.

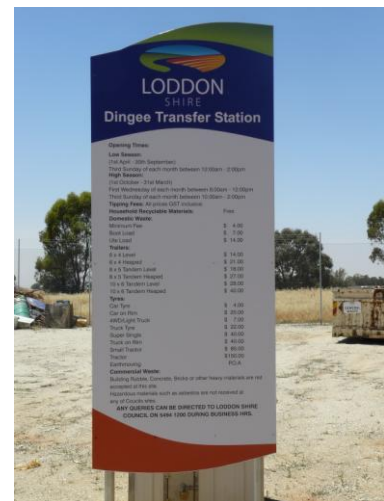
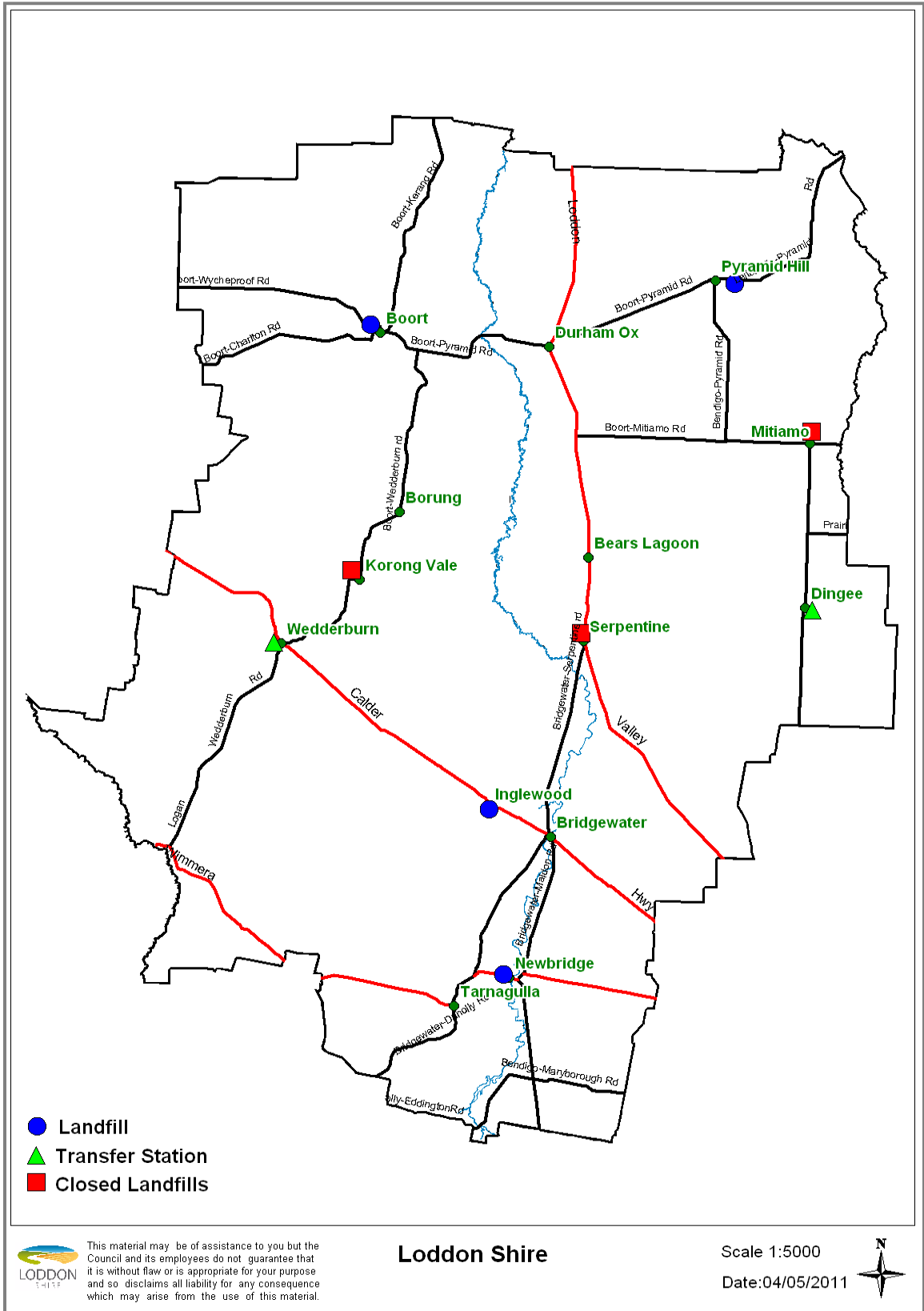


Figure2: Loddon Shire Council Waste management Facilities.



This material may be of assistance to you but the Council and its employees do not guarantee that it is without flaw or is appropriate for your purpose and so disclaims all liability for any consequence which may arise from the use of this material.

Loddon Shire

Scale 1:5000

Date:04/05/2011



2.6 Key Objectives

The main objectives of the Loddon Waste Management Strategy are:

- Ensure the provision of convenient, accessible, cost effective and sustainable waste and recycling services/facilities, that reduce waste to landfill.
- Maximises resource recovery activities that reduce litter and the dumping of rubbish.
- To lead by example and maximise waste avoidance and recycling from all Councils operations.
- Employ Best Value principles in service provision to ensure that the services meet stakeholder's needs and are recognised as being Best Practice.
- Comply with statutory obligations including EPA requirements, WorkSafe, the State Government's *Towards Zero Waste Strategy* targets and the CMRWGM Regional Waste Management Plan waste reduction targets where achievable.
- The provision of education programs that promote a positive change in community behaviour in relation to managing household waste, recycling and litter.
- To evaluate the possible options for waste minimisation, and recycling for the next 5 years.
- To provide a medium for community consultation and awareness.
- To provide a program for the planning of future waste management facilities.
- To examine regional opportunities for waste management in conjunction with the Central Murray Regional Waste Management Group.

The Loddon Shire Council embraces the principles of ecologically sustainable development and environmentally sound waste management and has incorporated these principles into this strategy. Within this context it is generally recognised that waste management strategies need to follow the Waste Management Hierarchy (Figure 3).

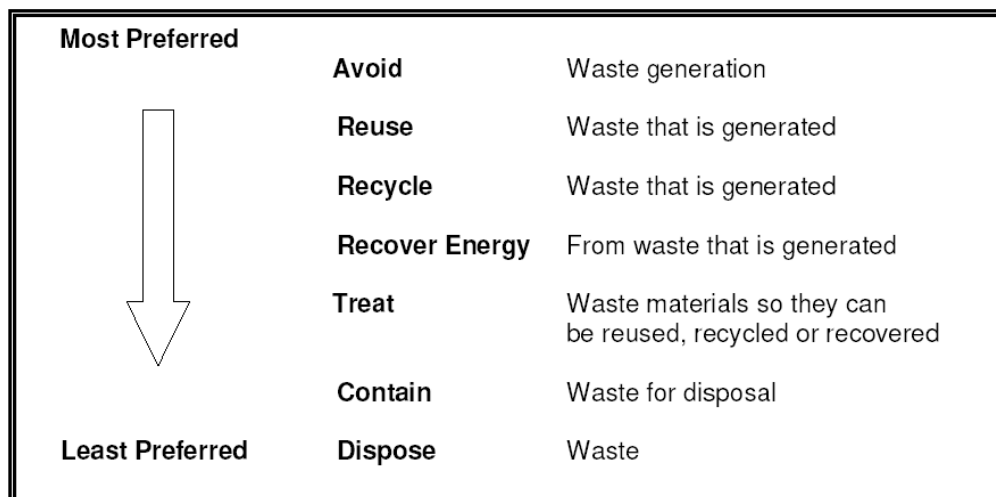


Figure 3: The Waste Management Hierarchy

(Source: Keep Australia Beautiful & Environment Australia, Waste Minimisation Manual for Local Government.)

2.7 Legislative Requirements

The manner and extent of waste management services delivered by Council is influenced by federal legislation as well as state government agencies and local government groups, specifically:

Environment Protection Act 1970

This Act is outcome oriented, with a basic philosophy of preventing pollution and environmental damage by setting environmental quality objectives and establishing programs to meet them.

Key aims of the Act include sustainable use and holistic management of the environment ensuring consultative processes are adopted so that community input is a key driver of environmental protection goals and programs thus encouraging a co-operative approach to environment protection.

This Act encompasses the following Principles of Environment Protection:

- Integration of economic, social and environment considerations.
- Voluntary sustainability covenants to enable industries and companies to identify resource efficiency gains and reduce ecological impact.
- Precautionary principle.
- Principle of intergenerational equity.
- Principle of conservation of biological diversity and ecological integrity.
- Principle of improved valuation, pricing and incentive mechanisms.
- Principle of shared responsibility.
- Principle of product stewardship.
- Principle of wastes hierarchy.
- Principle of integrated environmental management.
- Principle of enforcement.
- Principle of accountability.

This Act also strengthens Victoria's waste management regime through clarifying the roles of key statutory bodies involved in waste management (regional waste management groups, Sustainability Victoria and EPA Victoria) and providing additional funding and increased incentive for environmental priorities (such as waste reduction programs) through changes to landfill levies.

The implementation of the Environment Protection Act is carried out by the Victorian EPA through the use of State Environment Protection Policies (SEPP's) which provide the framework for such implementation. SEPP's expresses in law the community expectations, needs and priorities for using and protecting the environment. They establish the uses and values of the environment that the community want protected, define the environmental quality objectives and describe the attainment and management programs that will ensure the necessary environmental quality is maintained.

Under the *Environment Protection Act 1970* the requirements in environmental regulations must be consistent with SEPP's. SEPP's which are applicable to this strategy are:

- State environment protection policy (Air Quality Management).
- State environment protection policy (Groundwater's of Victoria).
- State environment protection policy (Siting and Management of Landfills Receiving Municipal Waste).
- State environment protection policy (Waters of Victoria).

Sustainability Victoria

Sustainability Victoria is the Victorian Government agency with the mission to protect the environment for the benefit of present and future generations by minimising the creation of waste, promoting the sustainable use of resources and better managing the disposal of materials that cannot be diverted from landfill for productive use.

Sustainability Victoria was established in 2005 by the merging of EcoRecycle Victoria and Sustainable Energy Authority Victoria.

The function of Sustainability Victoria is to protect the environment by facilitating the achievement of waste reduction objectives identified in Victorian legislation and best practices in waste management.

The Victorian Government's *Towards Zero Waste Strategy* (TZW) sets the direction and vision for a more sustainable Victoria. It seeks to minimise the amount of waste that Victorians generate and to maximise opportunities for recovering materials. TZW strategy is guided by three main objectives:

- to generate less waste.
- to increase the amount of materials recycled and reprocessed.
- to reduce damage to our environment caused by waste.

To achieve TZW's objectives, a number of targets were set for waste management and resource recovery across Victoria. The targets relevant to RWMGs and Local Government are as follows.

- TZW Target 1: a 1.5 million tonne reduction in the projected quantity of solid waste in Victoria generated by 2014
- TZW Target 3: Sectoral target for municipal waste – to recover (by weight), 45% by 2008-09; and 65% by 2014
- TZW Target 4: a 25% improvement, from 2003 levels, in littering behaviour by 2014.

Central Murray Regional Waste Management Group

The Loddon Shire Council is one of five member councils of the Central Murray Waste Management Group. The Group was formed in 1997 in accordance with the *Environment Protection (Amendment) Act 1996*.

The Group developed a Regional Waste Management Plan that provides direction and establishes priorities on all waste management issues in the region to all waste practitioners, not just Councils or the Group.

The Plan recommends a preferred waste management strategy for the region that has been developed through consideration of future population growth, economic evaluations, environmental and legal requirements and compliance with best practice to ensure that the strategy is both sustainable and practical.

Regional recycling diversion targets have been set to help meet the statewide targets of the Towards Zero Waste Strategy.

Compliance with the strategies in the Plan by the member councils is compulsory as non-compliance may affect works approvals or licenses issued by the EPA and funding applications with Sustainability Victoria.

The Waste Management Group has prepared a business plan as a response to the 'rapidly changing imperatives regarding waste management both locally and nationally'.

Its Corporate Objectives include:

- To achieve sustainable reduction in waste.
- To raise community awareness of waste management issues.
- To measure progress in environmental performance.
- To plan a rolling program of waste management initiatives.
- To meet regulatory requirements.

In addition the Central Murray Regional Waste Management Group has a role in advising member councils, government agencies and industry on regional waste management policy. This may include advice on:

- Best practice and compatible cost-effective service standards.
- Broad policy directions for hard waste, parks and gardens, litter and construction spoil collection, recycling, treatment and disposal.
- Regional landfill disposal strategy.
- Standard specifications for recyclable products.
- Standard specifications for green organics.
- Where appropriate, and for specific issues, lobby industry and government on behalf of member councils.
- Provision of training opportunities in areas such as the development of environmental management systems in relation to waste management.
- Research and education.
- Policy direction of constituent councils.

The following goals have been set by the CMRWMG:

- Minimum 75% Cost Recovery for Municipal Waste/Resource Management Programs
- Approaching Zero Net Greenhouse Gas emissions (50% of current levels)
- Less than 24 landfills within the region with Resource Recovery Facilities to replace local Transfer Stations and closed rehabilitated landfills where applicable
- 60% Resource Recovery
- Markets for recycled green waste established within the region in order to establish a green waste processing facility
- Sustainable Consumption including 75% reduction in plastic shopping bags.
- Encourage a reduction in packaging, reusable packaging and recycled/recyclable packaging.
- Reduction of Region's Ecological Footprint by 20%.

A summary of the Central Murray Regional Waste Management Group's approach to meeting the TZW targets are shown below in Table 2.

Table 2: Central Murray Regional Towards Zero Waste Targets

Household materials generated per household serviced	2009-10 Central Murray Region 3-Year Business Plan Target	2010-11 Central Murray Region 3-Year Business Plan Target	2011-12 Central Murray Region 3- Year Business Plan Target	Central Murray Region 2013-14 Target
Waste to landfill (garbage) kg/household/year	Reg. Avg: 460	Reg. Avg: 420	Reg. Avg: 410	Reg. Avg: 405
Commingled packaging and paper/cardboard recycling kg/household/year	Reg. Avg: 350	Reg. Avg: 355	Reg. Avg: 355	Reg. Avg: 355
Garden organics recycling kg/household/year	Reg. Avg: 104	Reg. Avg: 140	Reg. Avg: 160	Reg. Avg: 180
Total Waste Generation (Garbage, recycling & organics)	Reg. Avg: 914	Reg. Avg: 915	Reg. Avg: 925	Reg. Avg: 940
Kerbside recyclables % of total tonnes	Reg. Diversion Rate: 43%	Reg. Diversion Rate: 45%	Reg. Diversion Rate: 46%	Reg. Diversion Rate: 46%
Kerbside recyclables and organics % of total tonnes	Reg. Diversion Rate: 50%	Reg. Diversion Rate: 54%	Reg. Diversion Rate: % 56	Reg. Diversion Rate: 61%
Litter Reduction*	75% reduction in plastic bags	75% reduction in plastic bags	80% reduction in plastic bags	100% reduction in plastic bags

Note: Currently, it focuses on plastic bags; other litter items will be considered in time pending on funding

3. Kerbside Waste and Recycling Collection Services

The Loddon Shire Council presently provides:

- Kerbside waste and recycling collection services utilising containers that are recognised by the waste industry as being 'Best Practice'.
- An annual kerbside hardwaste collection.

3.1 Municipal Waste

Council presently provides a weekly waste collection service to some 3031 households predominantly utilising 140 litre Mobile Garbage Bins (MGB's) including rural runs.

3.2 Recycling

Council introduced fortnightly collection of commingled recyclables in October 2007. The service that involves the use of 240 litre MGBs collected by a vehicle fitted with a side lifter reflects industry best practice and a significant amount of material is being diverted from landfill.

The service was made mandatory to all households that receive a waste collection service.

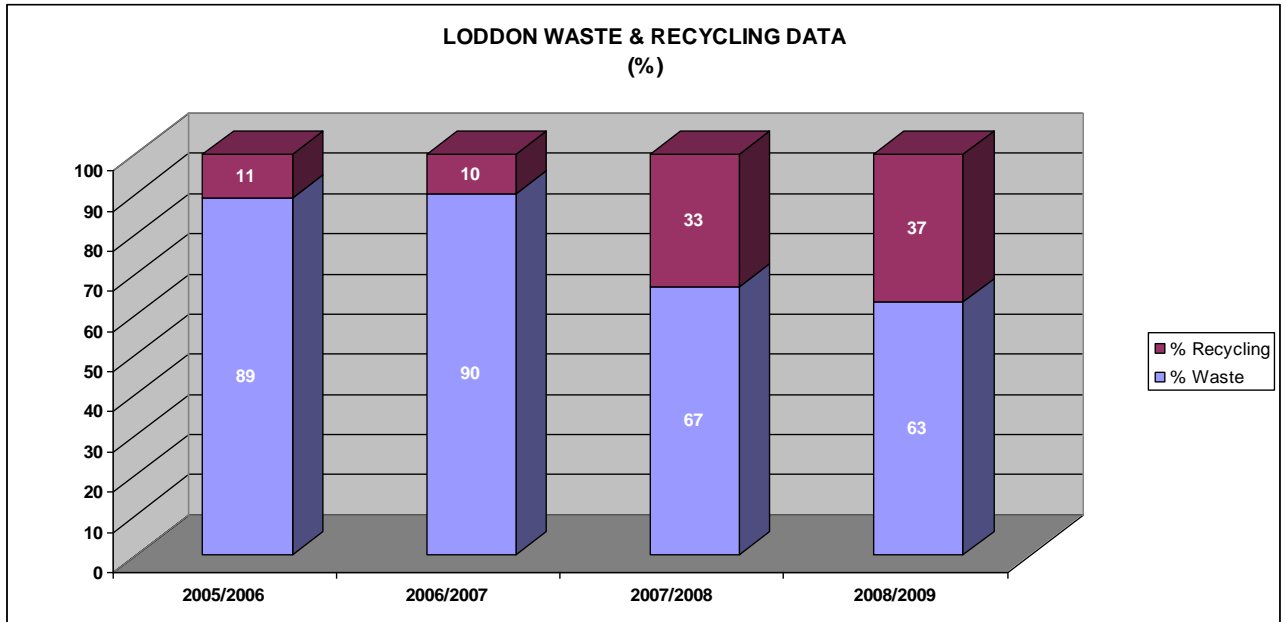
Table 3: Loddon Shire Collection Schedule

TOWN	WASTE COLLECTION FREQUENCY	RECYCLING COLLECTION FREQUENCY	COLLECTION DAYS
Borong and Rural area Wedderburn and Rural area	Weekly	Fortnightly	Monday
Mitiamo and Rural area Serpentine and Rural area	Weekly	Fortnightly	Tuesday
Eddington and Rural area Logan and Rural area Newbridge and Rural area Tarnagulla and Rural area	Weekly	Fortnightly	Wednesday
Bridgewater Inglewood Rural Borong North Wedderburn	Weekly	Fortnightly	Thursday
Boort Town and Rural area Pyramid Hill Town	Weekly	Fortnightly	Friday

Data

Data on waste and recycling is collected by the Loddon Shire Council on a monthly basis and reported quarterly by the Central Murray Regional Waste Management Group. Figure 3 represents data for the previous four years.

Figure 4: Loddon Shire Councils annual Waste and Recycling Data



3.3 Current Waste Management Contracts

Council currently has contracts in place for the provision of kerbside waste and recycling as well as the recycling pickups from landfills and transfer stations.

3.4 Landfills and Transfer Stations

A number of small rural landfills have been closed since 1999 including Korong Vale, Mitiamo, Serpentine and Dingee. The Dingee landfill was replaced with a transfer station in 2009. The Korong Vale site is fully rehabilitated.

The following table indicates the current hours of operations for the waste facilities in Loddon Shire.

Table 4: Facilities Hours of Operation

Boort Landfill	Tuesday Sunday	8.00 a.m. to 12.00 p.m. 1.00 p.m. to 5.00 p.m.
Dingee Transfer Station	(1 st April – 30 th September) - Third Sunday of each month (1 st October – 31 st March) - First Wednesday of each month - Third Sunday of each month	10.00 a.m. – 2.00 p.m. 9.00 a.m. – 12.00 p.m. 10.00 a.m. – 2.00 p.m.
Inglewood Landfill	Wednesday Saturday	8.00 a.m. to 12.00 p.m. 1.00 p.m. to 5.00 p.m.
Newbridge Landfill	Wednesday Sunday	1.00 p.m. to 5.00 p.m. 1.00 p.m. to 5.00 p.m.
Pyramid Hill Landfill	Tuesday Sunday	1.00 p.m. to 5.00 p.m. 8.00 a.m. to 12.00 p.m.
Wedderburn Transfer Station	Thursday Sunday	8.00 a.m. to 12.00 p.m. 8.00 a.m. to 12.00 p.m.

The current available landfill airspace at Council's facilities is shown below in Table 5 and shows that there is adequate airspace for future requirements of 30 years plus.

Table 5: Annual Landfill Airspace Requirements

Loddon Council	Airspace Available 2006	Current Generation Rate (m ³)					Airspace Available 2010
		2006	2007	2008	2009	2010	
Boort	25,842 m ³	555	570	433	428	619	23,237
Inglewood	43,160 m ³	917	1,220	790	628	524	39,081
Newbridge	77,552 m ³	588	597	268	250	187	75,662
Pyramid Hill	146,836 m ³	159	161	165	119	866	145,366
Total	293,390 m ³	2,219	2,548	1,656	1,425	2,196	283,346 m ³

3.4.1 Landfill Schedule

Table 6 below details proposed plans for the future waste management facilities in the Loddon Shire Council to the year 2020.

Table 6: Future Waste Management Facility Sites

Council	Current Sites	Type of Facility as at 2005	Type of Facility as at 2010	Type of Facility as at 2015	Type of Facility as at 2020
Loddon	Boort	UL	UL	UL	TRF
	Dingee	UL	TRF	TRF	TRF
	Inglewood	UL	UL	UL	TRF
	Mitiamo	UL	Closed	Closed	Closed
	Newbridge	UL	UL	UL	UL
	Pyramid Hill	UL	UL	UL	UL
	Serpentine	UL	Closed	Closed	Closed
	Wedderburn	TRF	TRF	TRF	TRF

UL – Unlicensed Landfill

TRF – Transfer Station

3.4.2 Infrastructure Works Program

Rehabilitation Plans to be developed for the closed landfill sites at Mitiamo, Serpentine and Dingee in accordance with the EPA Publication 674 *Rehabilitation of Landfills Exempt from Licensing*, November 1999.

The following rehabilitation schedule is set for the capping works and rehabilitation plans for the closed sites of Mitiamo, Serpentine and Dingee.

Site	Scheduled Works	Capping	Rehabilitation Plans	Works
Mitiamo	2009/2010		2011/2012	2012/2016
Serpentine	2010/2011		2011/2012	2012/2016
Dingee	2009/2010		2011/2012	2012/2016

Improvement Works

Planned improvement works at landfill sites will include progressive rehabilitation at Boort, Inglewood, Newbridge and Pyramid Hill.

Green Mulcher

In 2010 a green waste mulcher was purchased and will be utilised at sites across the Loddon Shire to mulch green waste. The resultant mulch will be utilised in Council's parks and gardens, and for landfill rehabilitation. The machine will also be made available to surrounding Councils to hire.

Public Place Recycling

Currently the townships in the Loddon Shire Council do not have recycling bins in the main streets for public use to improve its recycling rate. The Loddon Shire plans to implement public place recycling in the towns of Boort, Bridgewater, Inglewood, Newbridge, Pyramid Hill, Serpentine and Wedderburn.

Commercial Collections

- Currently town businesses receive a 240 litre commercial waste and recycling bin service.

Works undertaken to date

The following improvement works have been undertaken over recent years:

Boort

- Landfill has been remodelled and green waste cleared.
- The night soil license has ceased.

Dingee

- Landfill has been converted to a Transfer Station.

Inglewood

- Restructure of the front fence.
- Development of a new waste cell

Newbridge

- Rehabilitation of old cells.
- Development of new cell.
- Remodelling of site.

Pyramid Hill

- Development of new cell.
- Reduced airborne litter through use of catchment structures.
- The night soil license has ceased.

Wedderburn

- New boundary fence constructed.

Serpentine

- Facility closed.

Mitiamo

- Facility closed.

4. Resource Recovery

4.1 Hard Waste

The Loddon Shire holds an annual hard waste collection to align closely with Clean Up Australia Day. During collection Council staff, where possible, will separate the materials into recyclable and non-recyclable items and then transports it to Council Landfill and Transfer Station facilities. If the need is demonstrated a second hard waste collection may be offered in the future.

4.2 Organics

The Loddon Shire Council is an active participant in promoting home composting and worm farming. The Council purchased 300 compost bins and worm farms and subsidised their sale to residents as part of the Let's Get Composting campaign. This was a highly successful campaign with a huge take up by residents.

4.3 Commercial and Industrial

Commercial and Industrial waste is accepted at all Council facilities (except Dingee and Wedderburn Transfer Stations) for a fee. Segregated material such as rubble, timber and metal are accepted.

Commercial quantities of cardboard are accepted at all sites on a user pays basis.

4.4 Construction and Demolition

Construction and Demolition materials are accepted at all Council facilities (except Dingee and Wedderburn Transfer Stations) for a fee. Large quantities of commercial waste are not accepted at Loddon Shire sites.

5. Opportunities

5.1 Alternative Waste Technology

The volumes of municipal waste generated in the Loddon Shire are not sufficient to enable a viable alternative waste technology in this area. A small scale solution would need to exist before any further investigations would be undertaken. The Council will consider new technology as it develops.

5.2 Gas Collection

The landfill sites across the Loddon Shire Council are relatively small with low volumes of waste deposited. The quantities and size of the landfills do not lend themselves to any methane gas collection or flaring being viable. The Council will keep up to date with any proposals on the carbon pollution reduction scheme.

5.3 Three Bin System

The Loddon Shire Council will investigate future opportunities to increase diversion of waste from landfills by providing a third bin to residents for organics if proved to be economically viable. The third bin will encourage residents to further segregate their waste. The diversion of this organic waste from landfill will lead to a positive environmental impact by the reduction of greenhouse gas emissions.

6. Other Collections

6.1 drumMUSTER

The Loddon Shire Council has been an active participant in the drumMUSTER program and collects eligible agricultural containers at its landfills and transfer stations since 1999. This statewide campaign encourages a safe way to dispose of eligible plastic and steel containers. Loddon facility staff are trained drumMUSTER inspectors. A total of 107,446 drums have been collected and recycled since 1999.

6.2 Detox Your Home

The Loddon Shire participates in and promotes the Detox Your Home program run by Sustainability Victoria that collects household chemicals such as old household cleaners, left over paint, dead batteries, out-of-date weed killer and used brake fluid. Detox Your Home collections have been held in:

- Wedderburn – 25th June 2000
- Boort – 6th July 2002
- Boort 16 June 2007
- Wedderburn 21st November 2009

6.3 Agricultural Plastics

The Loddon Shire Council is participating in the Plasback silage collection program by providing drop off areas at their facilities in Boort, Dingee, Inglewood, Newbridge, Pyramid Hill and Wedderburn at no charge. The material is collected by Council is sent to Tapex Pty Ltd site in Melbourne for recycling.

6.4 Scrap Metal

Each of the Loddon Shire Council waste management sites has designated areas for the deposit of scrap metal. The Loddon Shire Council currently has a contract with Sims Metal to collect and pay for the scrap metal collected at these sites. The following table indicates volumes collected.

Table 7:

2004/2005	97 tonnes
2005/2006	284.84 tonnes
2006/2007	115.13 tonnes
2007/2008	314.68 tonnes
2008/2009	140.98 tonnes
2009/2010	145.83 tonnes
Total	1,098.46 tonnes

6.5 Litter

Across the Loddon Shire street bins are provided in retail areas, recreation reserves, swimming pools and caravan parks. Recycling bins are also provided at recreation reserves, swimming pools and Council owned caravan parks.



Bridgewater Caravan Park



Wedderburn Swimming Pool

The Loddon Shire Council promotes the use of the Waste Wise Events Trailer to all event organisers holding events in the Loddon Shire. The Mobile trailer has ten 240 litre mobile garbage bins with red rubbish and yellow recycling lids. Event organisers can utilise the trailer free of charge by booking through the Loddon Shire Council office in Wedderburn. It is the responsibility of the events committee to deliver the recycling material and residual rubbish to the closest regional landfill /recycling facility or transfer station.



Waste Wise Events Trailer

The Loddon Shire has also erected cigarette butt bins at some of its council facilities to promote the correct disposal of cigarette butts.

6.6 Street Sweeping

The Loddon Shire undertakes street sweeping in several towns as indicated below. Intersection and pavement sweeping is carried out on an as required.

Wedderburn/Caravan Park
Inglewood
Bridgewater
Tarnagulla
Boort
Korong Vale
Wedderburn
Pyramid Hill
Mitiamo
Dingee
Serpentine

6.7 Waste Oil

Waste Oil collection is undertaken at the Bort Landfill, Inglewood Landfill, Newbridge Landfill, Pyramid Hill Landfill and the Wedderburn Transfer Station where 1000 litre collection receptacles are provided for the collection of domestic waste oil. The oil is collected for further reprocessing on an as needs basis. Over 17,400 litres of waste oil has been collected from the Loddon sites since 2005.



6.8 E-Waste

E-Waste which includes all electronic equipment is collected at Bort Landfill, Inglewood Landfill, Newbridge Landfill, Pyramid Hill Landfill and Wedderburn Transfer Station. It is transported to the Swan Hill Landfill where it is dismantled for reuse and recycling with 95% of the material being recycled. The volume of e-waste recycled from the Loddon sites since 2009 is 63.63 tonnes.



7. Waste Education

7.1 Community

The Loddon Shire Council not only implements a best practice kerbside collection for waste and recycling but also provides local football/netball/hockey grounds with bins for recycling and garbage including pick up free of charge. Council produces an annual Recycling Calendar to assist households.

Council actively promotes best waste management practices through promotion of the Waste Wise Events Trailer to event organisers in the Loddon Shire who can utilise the trailer free of charge if additional services are required.

The community is regularly involved and engaged in education programs including Recycle Annie, Let's Get Composting, Get it Sorted, Blinky Bulb, Rubbish Ronnie as well as regular newspaper columns and press releases.

The Loddon Shire Council was the main supporter of the highly successful Shire wide Plastic Bag Free project in 2005. This Shire wide behaviour change program was the first in the nation to be rolled out.



Loddon Shire 2 Year Celebration of Plastic Shopping Bag Free

Some of Loddon Shire's Achievements in Waste Management to date include:

- Silver Waste Wise Accreditation
- 2006 VIC State Winner of Keep Australia Beautiful Award fro Plastic Shopping Bag Free project
- Regional Winner of 24th Tidy Towns – Sustainable Communities Award for Wedderburn Plastic Bag Free initiative
- Cities for Climate Protection Award for meeting 5 milestones
- drumMUSTER Certificate of Appreciation for collection of over 100,000 drums

7.2 Waste Wise Accreditation

The Loddon Shire Council successfully achieved Bronze Waste Wise accreditation in 2006 and then two years later received their Silver Waste Wise accreditation.

7.3 Buy Recycled

The Loddon Shire Council has a buy recycled policy encouraging the purchase of materials with recycled content where possible and cost effective.

8. Waste Management Performance Monitoring

8.1 Best Value

The annual Local Government Community Satisfaction Survey provides the Loddon Shire Council with a measure of its performance across a range areas including waste management. The results of these surveys show an increase in satisfaction from 67% in 2007 to a steady 70% in 2008 and 2009.

The Loddon Shire Council collect monthly data on the waste and recycling kerbside collections, waste deposited to landfill as well as skip bin pickups from the landfill and transfer stations sites.

Quarterly Performance Reports are compiled and provided to the CMRWGMG on garbage and waste kerbside collection, drop off facilities, scrap metal, waste oil, green waste as well as waste deposited to landfill.

8.2 Performance Monitoring

To ensure effective implementation of this plan, performance will be regularly monitored and reviewed.

The performance indicators listed against each strategy within this plan will be reported against annually. Quarterly reports will be presented to the CMRWGMG.

Relevant information regarding Council's performance against this plan will be communicated to the community through Council's Annual Report and through other Council publications.

9. Action Plan

The following Action Plan outlines the timelines, performance indicators and position responsible for implementing the actions of the Loddon Waste Management Strategy.

Action	Timeline	Performance Indicator	Responsibility
Increase rate of recycling <ul style="list-style-type: none"> Participate in education programs 	Ongoing	Recycling data with increased recycling rate	Building and Contracts Officer CMRWGM
Reduce waste to landfill <ul style="list-style-type: none"> Implement diversion programs Participate in education programs 	Ongoing	Progress achieved Participation rates	Building and Contracts Officer CMRWGM
Rehabilitate all closed landfills in accordance with the EPA guidelines. <ul style="list-style-type: none"> Rehabilitate Mitiamo Landfill Rehabilitate Serpentine Landfill Rehabilitate Dingee Landfill 	2009/2016	Landfills rehabilitated	Building and Contracts Officer
Lead by example by increasing resource recovery, waste reduction and sustainable practices across all of Council's operations.	Ongoing	Results in changes made across the organisation	Building and Contracts Officer Green Team
Promote the availability of recycling facilities at all transfer stations and landfills. (Get it Sorted program)	2009/2010	Survey results	Building and Contracts Officer CMRWGM
Implement public place recycling in the towns of Boort, Inglewood, Newbridge, Pyramid Hill, Serpentine and Wedderburn	Ongoing	Infrastructure implemented	Building and Contracts Officer
Aim to align contract dates for kerbside collection contracts	2012/2013	Contract dates aligned	Building and Contracts Officer
Explore alternatives for green waste <ul style="list-style-type: none"> Green waste mulcher 	TZW Grant 2010/2011	Green waste policy adopted	Building and Contracts Officer
Encourage home composting and worm farms	Ongoing	Uptake of home compost bins and worm farms	Building and Contracts Officer CMRWGM
Investigate three bin system	2014/2015	Viability of system	Loddon Shire Council and CMRWGM
Review all gate fee charges	Annual Review	Fees adjusted	Building and Contracts Officer