

**Goldenfields
WATER**



County Council

**Management
Plan
2009/2010**

Adopted by Council Minute 09/061 – June 2009

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1. INTRODUCTION

This plan has been prepared in accordance with the requirements of Chapter 13, Part 2 of the Local Government Act, 1993. It includes the proposed activities and financing of Goldenfields Water for the next three years.

Goldenfields Water County Council carries out water supply functions within the Local Government areas of Bland, Coolamon, Cootamundra, Harden, Junee, Temora, Young and part of Narrandera. Retail water distribution in Cootamundra Town and the Shires of Harden and Young is undertaken by the local general purpose Councils, with this Council providing a bulk water supply to each. The Governor's Proclamation establishing Goldenfields Water County Council details the legal operating framework and principal objectives of the Organisation.

This Management Plan seeks to ensure that Council achieves its Mission:

"To effectively provide an affordable, finite natural resource that supports growth and development within our region, working in partnership with communities, staff and governments".

Over the twelve years of Council's existence, it has sought to rationalise charges and consolidate its position. This plan continues with that approach, along with continuing a pro-active Asset Maintenance Program that will see the maintenance and where necessary, subject to budgetary constraints, the upgrade of Council's infrastructure assets. It also attempts to address the presently perceived requirements for future expansion of the system as economic growth and development continues in shire council areas serviced by Goldenfields.

The Draft Plan was submitted to Council's Ordinary Meeting held on April 23 2009 for adoption in form as amended and subsequent exhibition and invitation for public comment which closed on June 5, 2009. Consideration of its adoption as a final Plan to take effect on July 1, 2009, was undertaken at Council's Ordinary Meeting to be held on June 26, 2009.

2. PRINCIPAL ACTIVITIES

The principal activities for the three year period include:-

- (A) Provision of water and associated services as outlined in
 - Customer Service Plan - See Section 4
 - Levels of Service - See Section 5

- (B) Capital Works & Asset replacement as outlined in
 - Asset Management - See Section 6
 - Capital Works Plan - See Section 7

- (C) Human Resources & Equal Opportunity Activities as outlined in
 - Human Resources and Staff Training See Section 8

- (D) Environmental Protection practices as outlined in
 - Customer Service Plan - See Section 4

- (E) Business/Commercial Activity, as included in
 - Financial Policy & Pricing - See Section 9

3. LEGISLATIVE ARRANGEMENTS RELATING TO THE OPERATION OF GOLDENFIELDS

As at the date of commencement of this Plan, Goldenfields Water County Council had been operating for exactly twelve years. Whilst a number of historical issues may remain to be resolved in the fullness of time, it is considered appropriate to claim that the changes necessary to integrate the South West Tablelands Water Supply and the Northern Riverina County Council into one have been satisfactorily completed, and that the future is very much one of operating a single unit.

Paragraph 5 of Schedule D of the Proclamation establishing Goldenfields states (in part) *“that the principal objectives of Goldenfields Water County Council are as follows:*

- a) To be a successful business and to this end –*
 - i. to operate at least as efficiently as any comparable business; and*
 - ii. to exhibit a sense of social responsibility by having regard to the interests of the community in which it operates;...”*

Likewise, Paragraph 16 of Schedule C of the Proclamation requires Goldenfields to continue to regularly review the relative efficiencies and economies of the reticulation and distribution of water by the Councils of Cootamundra, Harden and Young compared with the reticulation and distribution of water within such areas by the County Council. Such a review was undertaken in 2006 with the relevant Minister determining that the current arrangements would not be varied at that time given the review of water supply and sewerage services in non-metropolitan NSW that is in progress.

The outcome of this review may impact on the legislative framework of not only Goldenfields but many Local Water Utilities in non-metropolitan NSW and will only be known in the fullness of time.

In accordance with the aforementioned Proclamation, a review is due to be completed during the term of this plan. Council has written to the Minister for Water questioning the need for such a review at this time.

4. CUSTOMER SERVICE PLAN

Goals

- ◆ To provide water supply services to customers in accordance with acceptable levels of service.
- ◆ To establish in our own right, a reputation as a leading utility service provider.
- ◆ To efficiently and effectively manage comprehensive services in the fields of location, treatment, storage, movement and delivery of water; and also to supply such associated services as may be warranted.

4.1 Areas Serviced

Reticulated water supply is to be available within all urban areas of towns and villages as defined by this Council within Council's area of responsibility. It will also be available to non-urban areas where adequate supply lines already exist or can be laid at a practical and economically recoverable cost.

Strategies/Actions	Measures
* Regularly monitor urban and village growth and augment supply as required.	Customer needs met.
* Maintain network analysis of water system in each of the larger towns.	

In addition, bulk water will continue to be supplied to other bodies in accordance with this Plan.

4.2 Demand Management

Council aims to reduce wastage and make customers aware that water is a finite resource, that the provision of water supply is costly and that inefficient and wasteful practices should be eliminated.

Strategies/Actions	Measures
* Water pricing that gives an incentive to avoid waste.	Reduced consumption per tenement.
* Customer education through advice leaflets, general publicity, use of "Waterwise" kit and similar materials.	

Strategies/Actions	Measures
* Co-operate with General Purpose Councils in the re-use of effluent wherever practical.	Increased re-use.
* Minimise wastage through leakage by regular monitoring and patrols of our system.	Reduced water loss.

4.3 Pricing of Services

Council supports a pricing system which is equitable and reflects the actual costs of service provision over the long term. Cross-subsidisation between classes of customers is to be avoided, however standardisation of pricing is necessary to avoid unreasonable charges for remote villages.

Council believes that its pricing systems should be transparent and understandable, and that an excessive number of different tariffs is to be avoided. Operating costs are to be dissected so as to enable transparency of any cross-subsidisation arrangements.

Strategies/Actions	Measures
* To continue to operate with two part tariffs, with a differential applying between – Retail Supply Bulk Supply.	Two part pricing continuing with appropriate balance.
* New capital works are to continue to require capital contributions from developers. Specific works will be at full cost to the developer while headworks will be partly developer and partly water sales funded.	Funding balance achieved.

4.4 Customer Relations

The most significant contributions to good customer relations are quality of product and service, good communication and responsive action.

Our customers consist of water users (most of the population and businesses), landowners, land developers, plumbers and builders.

All staff need to deal with customers in a friendly and helpful manner. Staff who regularly have customer contact will receive appropriate training for that role.

Strategies/Actions	Measures
<ul style="list-style-type: none"> * Reinforce throughout the organisation that we are customer orientated. * Continue to maintain request and complaint handling systems that ensure both attention to the request and advice of action taken or to be taken. 	<p>Excellent staff/ Customer relations.</p> <p>Satisfactory response times and information exchange.</p>
<ul style="list-style-type: none"> * Use customer contact newsletters to disseminate information to customers. * Publish standards of levels of service. * Seek to utilise local media to increase awareness within the community. * Meet with sectional or interest groups or invite them to meet with us, to communicate and receive feedback on relevant issues. 	<p>Minimal levels of complaints.</p>

4.5 Environmental Protection & Sustainable Development

Water is arguably the most important resource and its use must include long term consideration of protection and sustainability.

While Goldenfields Water draws only a small percentage of the surface and groundwater resources in the Murrumbidgee and Lachlan Valleys, it will be bound by State Water Management policies as administered by the relevant Department.

It is also essential that any water we return to the environment is of an appropriate quality.

Strategies/Actions	Measures
<ul style="list-style-type: none"> * Vegetation to be protected/restored at all construction sites. * Process water (e.g. backwashing of filters) to be treated to remove sludge, and properly disposed of. * Waste of water to be minimised by early detection and prompt repair of any breaks or leaks. 	<p>Compliance with Standards and Conditions.</p>

5. LEVELS OF SERVICE

Council intends to make supply available to all existing consumers in accordance with the following standards. New permanent connections will only be made to the supply if it is believed that such criteria can be met (if appropriate, following supply augmentation, which may be at the Applicant's expense).

5.1 Availability of Supply

Significant proportions of Council's customers are located outside the town and village reticulated areas as defined by this Council in accordance with its policies. Such non-reticulated connections are, in the main, made to trunk mains or very limited rural reticulation schemes. Neither of these types of connections include the infrastructure capacity and configuration (particularly in respect of reservoirs) to ensure the maintenance of a continuous water supply in accordance with the standards which are available to reticulated (town and village) consumers. Supply availability therefore varies between "Reticulated" and "Non-Reticulated" connections, as set out in sections 5.1.1 and 5.1.2 below.

Customers located within the "reticulated" areas are required to meet the following minimum criteria:-

- Are able to be connected to a network of pipes principally designed to service a town or village.
- Are fully supported by a Service Reservoir principally designed to service a town or village.
- Are able to be supplied within Council's adopted Levels of Service.
- Already are or are able to be included in Council's adopted Reticulated Area Plans.

Customers located in areas where the above are not able to be provided are deemed by default to be within the "non reticulated" area.

5.1.1 Pressure and Flow – Reticulated Connections

Provide pressures between 12 and 90 metres head of water in the reticulation system per standard 20mm residential connection under normal conditions. All other sizes will be by agreement between the customer and Goldenfields.

5.1.2 Pressure and Flow – Non-Reticulated Connections

During normal operating conditions Council will endeavour to provide pressures and flows equivalent to those available to its reticulated customers. However, a small number of individual non-reticulated customers may never experience supply availability in accordance with the above standards; and all may, from time to time, experience variations and/or total interruptions without prior notice.

It shall be a condition of supply to all new applicants for non-reticulated connections that an on site storage tank be provided and appropriately equipped in order to assist in

maintaining continuity of essential supplies. Council will, furthermore, seek to achieve the installation of on site storages at all existing non-reticulated installations. The minimum capacity of any on site storage shall be sufficient to supply a Customer's anticipated demands for a period of 48 hours and, in addition, shall be not less than 10,000 litres. Council does not, by this requirement, imply any undertaking that the maximum period of interruption or deficiency in supply may not under particular circumstances exceed 48 hours.

5.1.3 Consumption Restrictions

Externally Imposed

Council will restrict supply to customers (retail and/or bulk, as applicable) in accordance with any direction received from the relevant NSW Government Department or other body lawfully empowered to direct same, or when source capacity is insufficient to maintain unrestricted supplies.

Internal Deficiencies

- Will only be imposed when system capacity or abnormal equipment failure prevents the supply of essential needs.
- All system deficiencies likely to require restrictions during peak demand periods to be identified and consideration given to augmentation, so as to minimise the likelihood of future restrictions.

5.1.4 Peak Day Demand

Except where Council has entered into a specific agreement to the contrary, Council's supply systems are intended to provide for a peak day demand (PDD) of 4,000 litres per equivalent tenement per day. Council will apply the Water Supply Code of Australia (WSA) principles to calculate the average daily demand and the peak day factor (PDF). A PDF of 1.75 will be used therefore making an ADD of 2,286 litres per equivalent tenement per day.

Council will seek to supply that quantity through all standard (20mm) services and proportionately higher amounts to customers serviced by larger connections. The calculation of headworks charges has in the past and will continue to be based on this peak day demand, however, such demand is established as a supply target and does not in any way form a guarantee of service provision or override the above provisions in relation to pressure, flow and/or consumption restrictions.

5.1.5 Interruptions to Supply

Planned

Domestic and Rural customers will receive a minimum 24 hours written notice and Commercial/Industrial customers will receive 3 working days written notice.

Unplanned – Reticulated Customers

Should not occur more than 2 times per year if lasting up to 12 hours.

Should not occur more than 5 times per year if lasting up to 5 hours.

Unplanned – Non Reticulated Customers

The provisions of Clause 5.1.2 shall apply.

5.1.6 Water for Fire-Fighting

Water for fire fighting will be available from fire hydrants in Council's Reticulation Zones at such locations deemed appropriate for the ready supply of water to extinguish fires. In Non Reticulated areas Council will seek to provide strategically placed hydrants where adequate capacity appears to exist. New hydrant locations will be chosen in consultation with the relevant General Purpose Council and (if required) the local Fire Authority. Fire fighting requirements for a specific development will be the responsibility of the developer, in consultation with the Consent Authority, and must comply with the relevant Regulations, Codes and Standards. Council will render advice if requested.

5.2 Water Quality

Potable Water Supply

Should meet the current Drinking Water Quality Guidelines in Australia, published jointly by the National Health and Medical Research Council (NHMRC) and the Australian Water Resources Council (AWRC).

Non Potable Water Supply

Non potable water from Hylands Bridge is not supplied for human consumption.

5.3 Response Times to Supply Failures

Response times are defined as time to have staff available to commence duty/rectification of any problem after notification by the public or Council's own staff. Such response times will apply both during and after normal working hours.

"Normal" Conditions

Priority 1 - defined as failure to maintain continuity or quality of supply to a large number of customers or to a critical user at a critical time.

- 15 minutes

Priority 2 - defined as failure to maintain continuity or quality of supply to a small number of customers or to a critical user at a non-critical time.

- 30 minutes

Priority 3 - defined as failure to maintain continuity or quality of supply to a single customer.

- Same day

Priority 4 - defined as a minor problem or complaint which can be dealt with at a time convenient to the customer and Council.

- Within one week

Catastrophe

Any situation of this nature would prompt immediate action involving senior personnel and emergency services with the aim of containing and resolving the situation as quickly as possible.

5.4 Complaints & Inquiries of a General Nature (i.e. complaints other than supply failure)

Respond to 95% of written complaints or inquiries within 10 working days.
Respond to 95% of personal complaints or inquiries within 2 working days.

5.5 Special Customers

Certain customers may have special needs by virtue of specific health, commercial or industrial circumstances. Specific levels of service and associated charges may be negotiated with these customers.

Note: - Such agreements are also referred to in Section 9 and/or 10 of this Plan.

6. ASSET MANAGEMENT

An outline of Council's infrastructure network and operations which are the subject of this section are appended to this Plan as Annexure 2.

Goals

- To operate and maintain existing assets (and build new assets) at least at life cycle cost whilst continuing to meet agreed levels of service.
- To incorporate continuous improvement and quality assurance practices in all activities.

6.1 Asset Management - Operations

Objectives

- ◆ To meet standards of quality and reliability of water supply.
- ◆ To minimise operational costs without adversely affecting performance.
- ◆ To minimise the impact and cost of breakdowns.

Strategies/Actions	Measures
* Operate the combined water supply system for optimum effectiveness and efficiency.	Favourable benchmarking against comparable organisations.
* Undertake reliability analyses of all key operating systems and identify causal factors when reliability below acceptable levels.	Causal factors identified.
* Maintain and audit water sampling and testing programme.	Satisfactory test results.
* Implement immediate action to identify and correct any sources of contamination. * Develop and document system of backflow prevention, including enforcement of relevant requirements of AS 3500.1.	Minimal contamination.
* Develop programmes of reservoir cleaning, valve and hydrant maintenance, and mains flushing. * Develop, document and implement system operating procedures. * Develop, document and implement emergency response procedures. * Ensure all operational staff appropriately trained in correct operational and repair procedures.	Documentation complete and implemented. Recurrent failures minimised.

Strategies/Actions	Measures
* Develop a programme to monitor and minimise water losses.	Percentage of water lost.
* Develop and maintain programme of systematic pump and plant maintenance. * Continue to examine energy requirements and costs, and incorporate preferred pumping times into operating procedures. * Evaluate and implement, where appropriate, alternate operational strategies, including resource sharing, private sector involvement, etc.	Reduced overall costs whilst maintaining levels of service.

6.2 Asset Management - Maintenance

Objectives

- ◆ To ensure that maintenance programmes balance planned maintenance, unplanned (breakdown) maintenance and replacement of assets to minimise total long term costs, consistent with meeting operational needs.
- ◆ To ensure that required levels of service are maintained without excessive (wasteful) maintenance.

Strategies/Actions	Measures
* Monitor wear rates, component failures and overall reliability of pumping and plant installations through systematic recording. * Review repair and overhaul plans annually to ensure units are operable at times of expected peak demand. * Develop programmes of preventative maintenance for all installations. * Monitor pipeline performance in terms of age, failure rates and criticality; take actions to reduce failures while eliminating unnecessary replacement. * Update asset register with maintenance information. * Monitor (by regular assessment) all buildings and property; effect necessary maintenance. * Develop and implement strategies for streamlining maintenance procedures.	High level of reliability and reduced overall costs.

6.3 Asset Management - Capital Works

Objectives

- To ensure the system is capable of meeting needed levels of service, both current and future.
- To reflect customers' needs and levels of service in determining new works programmes.
- To provide required asset renewal and augmentation to a timetable that meets needs without over-servicing.

Strategies/Actions	Measures
<ul style="list-style-type: none"> * Develop and maintain a long term rolling replacement plan for all assets; with review annually. * Identify potential system capacity deficiencies and incorporate remedial works in capital works programme. * Maintain water network analysis programmes to identify necessary system improvements and extensions. * Utilise Asset Register and pipeline breakage history to determine mains replacement needs and minimise overall costs. * Analyse capital works projects before implementation to determine optimum method of execution (internal, contract, etc). 	<p>Programmes documented and executed.</p>

6.4 Asset Management - Disposals

Objectives

- To identify and subsequently dispose of or abandon assets which are no longer required to meet Council's business objectives.

Strategies/Actions	Measures
<ul style="list-style-type: none"> * Regularly assess asset utilisation and cost effectiveness of ownership. 	<p>Surplus assets disposed appropriately.</p>

7. CAPITAL WORKS

A schedule of Capital Works proposed to be undertaken over the forthcoming three years is annexed to this document as Annexure 3 and forms part of Council's 30 year Capital Works Program. The total values of such Capital Works proposals are as follows:-

Year	\$
2008/09	12,300,307
2009/10	5,570,626
2010/11	8,100,000
2011/12	10,326,813

The projects listed in Annexure 3 have been compiled focusing on two main areas of operation. The majority of New System Assets are required to systematically increase the levels of storage within area thus providing a more secure supply to these areas particularly during the peak demand period. Asset Renewals are focused more on the replacement of major trunk mains where the age of the assets and their size is of concern. Coupled with this are the recurrent items which include a systematic upgrade of various mains, pumps and associated infrastructure and the replacement of plant and equipment as required.

8. HUMAN RESOURCES

Goals

- ◆ To maintain an efficient, effective, safe and non-discriminatory working environment which gives employees a high degree of job satisfaction.
- ◆ To ensure appropriate staff numbers with the necessary skills to meet current and future requirements in order that levels of service can be met.
- ◆ To provide employees with training and support so they can make optimum contributions to Council's mission and goals.

8.1 Objectives

- ◆ To continue to streamline organisational structures and job responsibilities.
- ◆ To develop a skilled and committed workforce.
- ◆ To maximise staff competency and productivity levels.
- ◆ To achieve open and accurate information flow.
- ◆ To better the cost of equivalent private sector operations.

8.2 Strategies/Actions

Strategies/Actions	Measures
* Establish a strategic management unit within the organisational structure.	Unit achieving cost-effective results.
* Identify and develop leadership potential in staff. * Extend delegation and matching accountability to all levels of the organisation. * Establish mechanisms for team building and operation.	Responsibilities accepted and met.
* Continue system of position descriptions and skills based remuneration.	Fair pay levels.
* Continue staff training (based on identified needs). * Promote, enable and encourage multi-skilling.	Appropriate skills achieved.

Strategies/Actions	Measures
<ul style="list-style-type: none"> * Actively maintain EEO policy. * Continue practical operation of Occupational Health & Safety Committee. * Continue practical operation of Staff Consultative Committee. 	Employee & statutory needs met.
<ul style="list-style-type: none"> * Maintain Award arrangements in a manner acceptable to all Parties. 	Agreement reached on all issues.

8.3 Staff Structure

A chart showing Council's Organisation Structure as at the date of commencement of operation of this Plan is attached hereto as Annexure 1. During the course of each financial year, Council will undertake at least one comprehensive review of this structure.

The number of permanent full time positions in Council's organisational structure is 59. The estimated cost of employment, including provision for the engagement of casual and temporary staff (with provision also for wage increases as provided by industrial agreements and likely to result from elevated levels of staff skills) is \$3.92 Million.

8.4 Staff Training

Council's target of 5% of total wages costs expended on training with a maximum of \$100,000 will be maintained, and therefore the estimated training cost for 2009/2010 is \$100,000. The details of Council's training policies and proposals are contained within its Training Plan.

9. FINANCIAL POLICY AND PRICING

Goals

- ◆ To achieve financial performance levels which ensure long term service provision with stable and minimum achievable pricing.
- ◆ To achieve financial returns which balance capital expenditure and asset infrastructure renewal.
- ◆ To develop an equitable cost reflective tariff system.
- ◆ To develop an affordable service to our customers which encourages wise water use and discourages water waste.

9.1 Objectives

- ◆ To integrate sound business practices throughout Goldenfields Water.
- ◆ To protect Goldenfields Water's equity base while providing sufficient funding for capital asset renewal and replacement.
- ◆ To agree with customers and Government on an affordable pricing structure which protects accessibility to, and long term sustainability of, water supply within Goldenfields Water's County District.
- ◆ To maximise the use of infrastructure.
- ◆ To maximise any potential for resource sharing.
- ◆ To achieve optimum division of funding between general revenue, developer contributions, grants and other sources.
- ◆ To ensure that levels of charging applicable to community, non-profit and similar organisations are both appropriate and equitably applied.

9.2 Strategies/Actions

Strategies/Actions	Measures
* As required, submit further discussion papers to Council on proposed Financial Policies.	Policies adopted.
* Establish open and understandable long term pricing plan.	Community acceptance.
* Identify and chart operating costs and revenues of each segment of the supply system.	Adequate cost and revenue dissections available as needed.
* Continue to implement agreements with constituent Councils, REROC and other bodies for resource sharing.	Satisfactory arrangements in place.

Strategies/Actions	Measures
* Regularly examine real costs of meeting various customer needs and continue to develop pricing and developer contribution principles and policies.	Acceptance of pricing and policies.
* Progressively reduce debt levels and reliance on debt financing.	Satisfactory debt level.
* Ensure that such cross subsidies as may be determined are applied in a transparent and equitable manner.	Government and community acceptance.

9.3 Key Financial Issues

9.3.1 National Competition Policy

Council is deemed to be a Category One Business under the National Competition Policy Guidelines and is therefore required each year to report activities and include notional costs in a manner enabling comparison with an equivalent private sector competitor.

As Council is only engaged in one business, that of water supply and associated activities, it will not be necessary for overhead costs to be separated between activities, and therefore, from that viewpoint, unnecessary for this Management Plan to dissect such costs.

Council will be required at the end of each financial year to identify notional private sector equivalent costs such as:-

- Company tax
- Debt guarantee charges
- Stamp duty
- Land tax
- Shareholder dividend payments.

These costs will not be payable to any bodies and would, if included in our pricing structure, simply result in the increasing of charges and progressive accumulation of the surplus revenues created by such increases. Accordingly such costs have not been included in price calculations and will not affect the Budget but will be reported in the Council's Financial Statements at the end of the year.

9.3.2 Asset Valuations and Depreciation

Council continues to maintain comprehensive and current assessments of its infrastructure assets. The current results of that assessment include a complete listing of all existing assets, together with an asset specific listing of the probable useful service life

of each individual component. In summary, the estimated replacement value of all infrastructure assets as at 30 June 2008 is \$382,694,000, their current written down value \$212,252,000 and annual depreciation of \$5,644,000.

It is Council's intention to continue to endeavour to fund this depreciation amount as cash rather than by deficit, thereby supporting the replacement of infrastructure assets as required without total reliance on loan funding for such replacements. Naturally, before actually proceeding to replace any assets, Council will assess its capacity and alternative means of service delivery that might be applied to either achieve reduced costs or elevated levels of service. Therefore the long term projections derived from current asset data only provide a very simplistic overview of the likely capital funding needs to maintain reliable infrastructure serving all of Council's customers in the long term.

These projections clearly indicate some long term needs for loan funding. This however, does not include any provision for the capital works which will be required in the short term in order to provide satisfactory levels of service to existing and proposed new customers, generally as outlined in Section 7 of this Plan. Whilst long term new works needs continue to be in the process of development, present indications are that the cash funding of depreciation may prove inadequate to fully fund Council's Capital Works programmes after 2011.

9.4 Headworks (Infrastructure) Charges

In 2005/06, Council completed the preparation of development servicing plans in accordance with guidelines laid down by the Department of Energy, Utilities and Sustainability. These plans have been publicly advertised and were adopted by Council on 22 June 2006 coming into effect on 1 July 2006 until 30 June 2011. Provision has been made for these plans to be reviewed during 2010/11.

Infrastructure Charges will apply to all new connections that obtain water.

This includes, but not limited to:-

- New Subdivisions.
- Extensions of pipelines from existing mains.
- Industrial expansion including rezoning.
- Where it can be established that the premise has already been subject to an Infrastructure Charge imposed by, either of the former operators, or a past decision of this Council, then that Charge will not apply.
- The contribution level for a particular year will be set at the same time as the budget for that year in accordance with Council's adopted Development Servicing Plans.
- An equivalent tenement is to be based on the peak daily demand. The amount currently adopted is 4.0 kilolitres per equivalent tenement per day.
- Existing connections which have been disconnected will not be subject to the contribution on re-connection, providing such re-connection is of the same size and for a similar purpose to the original connection, however,

- Premise disconnected from the water supply prior of July 1 1999, and no reconnection has occurred in the intervening period, then, any re-connection will be subject to the full contribution.
- The contribution for residential (Reticulated) and general rural (Non Reticulated) connections shall be the contribution for one equivalent tenement.
- Contributions in respect of industrial, commercial, intensive agricultural and other high demand connections, with an obvious peak day demand in excess of 4.0 kilolitres, shall be based primarily on the number of equivalent tenements of the peak daily use of the industry.

Council will continue to require new Non Reticulated connections to have on site storage together with a requirement to meet current backflow regulations.

9.4.1 Reticulated Connections

In accordance with Council's adopted Developer Servicing Plans, Council will levy Reticulated Headworks (Infrastructure) Charges at the rates set down in those plans and apply to all connections in the Reticulated Areas as defined by Council on maps adopted in accordance with its current policies. These maps are continually amended and updated as development and extension of Councils infrastructure occurs. Factors considered when amending such maps include (but are not limited to) location, elevation, capacity and condition of existing infrastructure and continuity and alternative method of supply.

In addition to the Reticulated Infrastructure Charges and other contributions required in accordance with this Plan and Council's policies, Council will also levy its standard main tapping, service and meter charges.

9.4.2 Reticulated Headworks (Infrastructure) Charges

In accordance with Council's adopted Development Servicing Plans the contribution applicable for a standard 20mm connection for new Reticulated consumers is set as follows:

YEAR	CONTRIBUTION
2009/10	\$6,400
2010/11	\$7,500

As the contribution rate is required to vary with peak demand the level of contribution required for peak day demand greater than 4 kilolitres per day will be calculated using the following formula.

$$\frac{\text{CUSTOMER REQUIRED PEAK DAY DEMAND (KL)}}{\text{STANDARD PEAK DAY DEMAND (4 KL)}} \times \text{STANDARD RETICULATED INFRASTRUCTURE CONTRIBUTION}$$

9.4.3 Non Reticulated Connections

Council has determined that all properties not contained within its defined Reticulation areas are deemed to be Non Reticulated and shall only be eligible for a 20mm standard connection, no matter what their location or property size.

A significant number of Council's consumers are served by *Special Rural Water Supply Schemes* constructed since the mid 1970's and included substantial capital contributions from landholders requiring connection to those Schemes. These schemes were generally constructed to service those landholders who initially connected with little or no scope for additional connections factored in to the designs. Council has adopted a policy whereby no additional connections will be permitted to existing mains of less than 100mm diameter unless a significant contribution is made by the applicant to at least replace the main to a diameter of 100mm or greater. Numerous other rural areas are serviced by trunk mains to which connection has traditionally been available provided that sufficient supply capacity exists.

In 1999, Council rationalised Non Reticulated (Rural) Infrastructure and Connection Charges and established a single set of such charges covering all Non Reticulated premises except those served by the *Binya* and *Naradhan/Weethalle/Tallimba* Supply Systems, where special circumstances were deemed to exist.

A further reduction of approximately 10% has again been applied to the Infrastructure Charges for the *Naradhan/Weethalle/Tallimba* system that will ultimately rationalise this charges to the same amount as then applies to all other Non Urban consumers in Council's area.

9.4.4 Non Reticulated Headworks (Infrastructure) Charges

With the exception of the *Naradhan/Weethalle/Tallimba* system, no change has been made to the general Non Reticulated Infrastructure Charge of \$7,500 per connection for a standard 20 mm connection.

The Non Reticulated Infrastructure Charges incorporate both contributions attributable to the primary supply source and also to the construction of Non Reticulation pipelines as have been provided to serve such lands and are as follows:-

Non Urban Infrastructure Charges for Connection to:-	Contribution
Naradhan/Weethalle/Tallimba System	\$8,900
All other Non Reticulated areas	\$7,500

In respect of applicants seeking Non Reticulated connections to the *Naradhan / Weethalle / Tallimba Supply System*, Council is mindful that the contribution may be seen to create undue hardship for potential consumers. In such cases, Council will accept the General Non Reticulated Infrastructure Charge as a part payment. The difference between that Charge and the Non Reticulated Infrastructure Charge (for that Scheme) will become a Water Supply Charge to be fully paid off within the time specified (from the date of

connection) as described in the following table. This amount will be subject to interest in the same manner as applicable to other outstanding Water Supply Charges from time to time.

Minimum Payment Arrangements	Minimum Payment	Amount transferred as a Water Charge	Allowable Time Period
Naradhan/Weethalle/ Tallimba System	\$7,500	\$1,400	1 year

In addition to the Non Reticulated Infrastructure charges, Council will also levy its standard charge for provision of a main tapping, service and meter to each new connection.

Except in special cases determined by Council that warrant the application of reduced charges, no variation to Council's Charges will apply as a result of the size of the allotment served, or number of connection to any allotment, or any other situations.

Any connection larger than 20 mm in size will require Council's specific approval that will include the setting for a price for the required connection. Where Council agrees, the following conditions shall apply:-

- Council will levy any additional Infrastructure Charges on the basis of the standard reticulated headworks contribution per equivalent tenement.
- Council requires a minimum payment of 50% of the Infrastructure Charge prior to establishment of any connection. The balance is to be secured by Bank Guarantee and will be recouped by the levying of an additional Access Charge over a period not exceeding 10 years;
- Until such balance is fully recouped, the provisions of Clause 10.1.3 will not apply to any such consumer;
- Council will undertake any system upgrading as may prove advantageous to Council to meet the increased demands as a result of the Development in a cost-effective manner, without the levying of any further Infrastructure or other Charge on any Developer; but
- The Developer will be required to meet the full cost of and/or provide itself all physical infrastructure required to connect the properties under development to Council's main; and

Council will insist on entering into a legal agreement stipulating all projected peak demand, general consumption, penalty charges for excess consumption and supply requirements as may be appropriate in addition to the financial arrangements referred to above.

9.4.5 Bulk Consumer Headworks (Infrastructure) Contributions

In accordance with Council's adopted Development Servicing Plans, Bulk Consumer Councils are required to raise and make payment to this Council for Infrastructure Contributions per standard 20mm connection for all new Reticulated connections as follows, subject to clause 9.4.6.1. Non-Reticulated connections will be subject to the same contribution as Goldenfields customers.

YEAR	CONTRIBUTION
2009/10	\$4,620
2010/11	\$5,275

As the contribution rate is required to vary with peak demand, the level of contribution required for peak day demand greater than 4 kilolitres per day will be calculated using the following formula:

$$\frac{\text{CUSTOMER REQUIRED PEAK DAY DEMAND (KL)}}{\text{STANDARD PEAK DAY DEMAND (4 KL)}} \times \text{STANDARD BULK CONSUMER COUNCIL INFRASTRUCTURE CONTRIBUTIONS}$$

The peak daily demand of the customer is to be agreed to by the Bulk Consumer Council and Goldenfields Water prior to a contribution being determined. Failing agreement between the Bulk Consumer Council and Goldenfields Staff (including its General Manager) on a contribution, the Elected Council of Goldenfields Water shall determine the contribution.

9.4.6 Collection of Contribution

The contribution will be levied by this Council on each Bulk Consumer Council. It will be their choice whether to pass the contribution on to landowners, or to fund the contribution by other means. Bulk Consumer Councils will, should they deem it necessary, be responsible for the incorporation of the contribution into any Planning or other Instrument.

Bulk Consumer Councils will, within twenty-eight (28) days of the completion of each quarter, submit to this Council a Statement detailing the location and size of all new or altered supply connections which have been made during the quarter. This should also include advice as to those assessments which contributions are applicable.

As full compensation of all costs incurred in administration, collection or any other activities associated with the implementation of these procedures, a commission of 3 % may be retained. The appropriate payment (less Commission) shall, either be forwarded with such statement, or become payable within thirty days of the issue of an account for same by Goldenfields Water.

9.4.6.1 Application of Policy

The contribution will not apply to any existing allotment as at January 01, 1990 where a water rate or charge was payable to the Bulk Consumer Council.

Existing allotments which have been disconnected will not be subject to the contribution on re-connection, providing such re-connection is of the same size and for a similar purpose to the original connection and is within ten (10) years prior to the date of this plan.

Without limiting the generality of the above, contributions will become due on addition of connections:-

- If a parcel of land served by an additional connection is subdivided from the original allotment.
- If development approval is granted for a non residential development.
- If the connection is used for the irrigation of horticultural crops. (Note: As a result of State Government licensing requirements, this Council's prior approval is required before water can be used for irrigation.)

If a single connection as at January 01, 1990 supplies more than one consumer, no contribution will be applicable when separate connections are provided to these consumers by the Bulk Consumer Council.

9.4.7 Unconnected Premises

Notwithstanding the enabling provisions of the Local Government Act, Council does not currently make any charge in respect of premises unless they are actually connected to (or temporarily disconnected from) a water supply. The connection (or reconnection) of all unconnected premises (except those which are temporarily disconnected and therefore continue to pay access charges) incurs full connection and, where applicable, Infrastructure Charges pursuant to other relevant sections of this Plan.

Outstanding debts on unconnected premises accumulated prior to the discontinuation of such charges will be subject to the same interest and debt recovery procedures (except disconnection) as apply to current consumers. Such recovery procedures particularly including the potential sale of such properties for overdue charges will be in accordance with the provisions of the Local Government Act.

9.5 Connection Fees (including Reconnection)

9.5.1 Tapping, Service and Meter Charge

Council will only provide tapplings of such size as it believes it is able to provide with adequate supply. All connections, reconnections and relocations will be levied the following charge as a contribution of approximately half of the average cost of main tapping, service and meter provision.

Size of Service (mm)	Contribution 2008/09
20	\$900
25	\$1,200
32	\$1,500
40	\$1,700
50	\$2,100

Larger than 50mm tapplings will be charged at actual cost, with the estimated cost being required to be lodged as deposit.

In the village of Barellan, where dual tapplings are available so as to provide both potable and non potable water, both connections are required, however only a single connection charge will apply. In any case where the potable and non potable tapplings are required to be of different sizes, the charge will be levied at the rate applicable to the larger size.

9.5.2 Meter and Service Resizing

Where a request is received from an existing customer to vary the size of the service pipe and meter supplying the property then the charge will levied at the same rate as a new connection and as prescribed in clause 9.5.1. The applicable charge will be levied in accordance with the size of the replacement meter and service pipe.

10. REVENUE POLICY FOR 2009/2010

The Revenue Policy for the year is set out below. This plan has been prepared following an extensive and conscientious effort by Council to apply a pricing structure that is transparent, equitable to all consumers and provides a sustainable long-term future for the organisation. After undertaking numerous workshops, Council resolved to engage independent consultants to undertake a review of its pricing structure. This review has resulted in recommendations to Council to adopt a pricing structure that defines the relationship between Council's Retail customers and Bulk Council customers. The review also recommended the implementation of Best-Practice Pricing principles as promoted by departments within the NSW State Government.

The impact of the adoption of these recommendations and principles on individual customers is dependent on the actual amount of water consumed; however it is acknowledged that generally the price of providing a potable water supply to customers will increase. The decision to do so has been taken to endeavour to ensure the long term financial viability of the organisation and its ability to provide a service to its customers in the future.

Access Charges

Retail Customers

State Government promoted Best Practice Pricing abdicates that the Access Charge of a typical residential bill should be no more than 25% of the total bill. It also promotes that customers that potentially have access to a greater proportion of available water through the size of the meter should contribute more towards the costs of providing the service.

The pricing model adopted has resulted in the Access charge for a standard 20mm connection reducing from \$204 per annum to \$125 per annum. However the Access charge for customers with meter sizes greater than 20mm will vary from the previous \$204 per annum as shown in the table below.

Meter Size (mm)	Annual Access Charge (\$)
20	125
25	195
32	320
40	500
50	781
80	2,000
100	3,125
150	7,031
200	12,500

Bulk Council Customers

The method of calculation of Access Charges for Bulk Consumer Councils is to be altered to that of previous years. Charges are to continue to be based on the actual number of connections of each respective council as reported in Special Schedule 3 of the General

Purpose Financial Reports for the period ending 30 June of the previous calendar year to that in which this plan commences. The Bulk Consumer Council Access Charge is to be sixty eight (68) percent of the Retail Access Charge of a standard 20mm connection (i.e. \$85.00 per annum x actual number of connections). This is an increase from 57% in 2008/09 and has occurred following in-house workshops and independent reports by external consultants to better reflect the proportional cost of providing water to the Bulk Council customers.

Water Sales

Variations in water sales revenue are largely dependent on the seasonal conditions and influences outside the control of Council including reduction in water allocations. In developing the budget for the 2009/2010 year, consideration was made to reasonably estimate likely water sales. The 2007/08 water sales figures have been used in determining likely water sales for the coming year.

A proposed \$0.32 per kilolitre increase in the standard Retail Consumption Charges for the first 600 kilolitres per annum has been used in developing this plan. In accordance with Best-Practice Principles a second step for consumption over 600 kilolitres per annum by Residential Retail customers has also been implemented. All consumption by Non-Residential Retail customers will be charged at the standard retail rate. In making this determination Council took into consideration the contribution made by non-residential customers to the economy of the region.

The standard charge for Potable and Non Potable water will be set at \$1.52 per kilolitre. Residential Retail consumption will be charged at \$2.30 per kilolitre for each kilolitre consumed over 600 kilolitres during the year.

The Bulk Consumer Council Consumption Charge has been set at sixty eight (68) percent of the Retail Consumption Charge (i.e. \$1.03 per kilolitre) and remains constant for each kilolitre purchased

Similar percentage increases in Standpipe Water Sales have also been applied.

10.1 Retail Supply

10.1.1 Access Charges

Access Charges per month or part thereof, chargeable at the same frequency as the meter reading / billing cycle, will apply to all connections, irrespective of size and including those temporarily disconnected.

In cases where two or more supplies are provided to any lands or premises, Access Charges will be levied on a per connection (i.e. per meter) basis. However premises within the Barellan area provided with dual potable and non potable water supplies, only one Access Charge per pair of connections shall apply.

Periodic charges per meter size are shown in the following table:-

Meter Size (mm)	Monthly Access Charge (\$)	Quarterly Access Charge (\$)	Annual Access Charge (\$)
20	10.42	31.25	125.00
25	16.25	48.75	195.00
32	26.67	80.00	320.00
40	41.67	125.00	500.00
50	65.08	195.25	781.00
80	166.67	500.00	2,000.00
100	260.42	781.25	3,125.00
150	585.92	1,757.75	7,031.00
200	1,041.67	3,125.00	12,500.00

10.1.2 Metered Water Sales

All Water Sales will be charged as per the following Schedule of Water Sales Charges for the 2009/2010 Year:-

Metered Sales (Urban & Non Urban)	Residential Customers 1 to 600 KL (per KL)	Residential Customers 601 plus KL (per KL)	Non-Residential Customers (per KL)
Potable Water Sales (Retail Consumption Charge)	\$1.52	\$2.30	\$1.52
Non Potable Water Sales (Barellan/Binya System only)	\$1.52	\$2.30	\$1.52
Potable Standpipe Water Sales (Commercial and Portable) and Temporary Connections			\$2.30
The maximum Retail Charge for Potable Standpipes Water Sales shall be:-			\$3.04
Non Potable Standpipe Water (Barellan only)			\$2.30
The maximum Retail Charge for Non Potable Standpipes Water Sales shall be:-			\$3.04
Bulk Consumption Charge (68% of Council's normal Retail Consumption Charge)			\$1.03

10.1.3 Metered Sales - High Volume (Retail) Users

Individual connections with a consistent past history of using over 50,000 kilolitres (50 Megalitres) per annum have the opportunity to have their metered consumption (for that particular service only) read and billed on a monthly basis.

Should the issued water account, including monthly Access Charge(s) and Water Sales be paid in full within 21 days of the date of posting, an amount equal to 5% of the Water Sales levied in accordance with Schedule of Water Sales Charges will be credited to the account. The amount shall not be deducted from any payment, or subject to any form of refund, but rather will stand as a credit on that account until levying of the following monthly account. This shall not apply in cases where specific contractual arrangements have been made between Council and individual consumers.

10.2 Bulk Supply

The price to be paid by each Bulk Consumer Council for water supplied by Goldenfields Water County Council in the year commencing 1 July 2009 shall be made up of the following two components:-

10.2.1 Bulk Access Charges:

These charges shall be multiples of the current standard Retail Residential Access Charges as follows:-

- A monthly **Bulk Access Charge** calculated by multiplying this Council's Standard Retail Access Charge by sixty eight (68) percent (i.e. \$7.08) then by the number of actual connection as identified in Special Schedule 3 of the respective council's General Purpose Financial Reports for the period ended 30 June of the calendar year immediately preceding the year in which this plan commences.

10.2.2 Bulk Consumption Charges:

- The Bulk Consumption Charge is \$1.03 per kilolitre for all water consumed in any month. This is equivalent to 68% of Council's normal Standard Retail Consumption Charge.

Monthly Bulk Availability Fees, Connections, Bulk Consumption Charges are set out in the following table.

	No of connections	Monthly Availability Fee	Bulk Consumption Rate charged per Kilolitre
Riverina Water:	38	\$269.17	\$1.03
Cootamundra Shire:	2,914	\$20,640.83	\$1.03
Harden Shire:	1,822	\$12,905.83	\$1.03
Young Shire:	4,106	\$29,084.17	\$1.03

10.3 Sundry Fees & Charges

SERVICE	2009/2010 Fees
Search enquiry Certificate Fee - S603 (for property transfer)	\$60.00
Urgent Certificates - additional fee for provision of any S603 Certificate required in less than 3 working days after receipt of both a properly completed application form and the necessary payment	\$35.00
Water Connection Application Fee (per connection)	\$50.00
Disconnection Attendance Fee - Permanent or Temporary (Non-payment of Account or at Customer Request)	\$100.00
Reconnection fee after Temporary Disconnection	\$50.00
Debt Recovery Attendance Fee	\$90.00
Meter Test Deposit (Non-refundable if meter registers less than 3% more or less than the correct quantity)	\$55.00
Special Meter Reading fee (Refundable if routine reading by Council proven to be in error) - Routine Service - Minimum notice 48 hours - Same Day Service	\$55.00 \$85.00
Installation of Remote Meter Reading Device where access is limited/restricted	At Cost
Special Enquiry/Certificate/Attendance Fee (Minimum 1 Hour)	\$55.00/hour
Pensioner Rebates (maximum allowable amount)	\$7.25/month \$21.75 / quarter
Interest on Overdue Charges - not paid within 28 days of posting of account	9% per annum
Printed copy of Tender Documents	\$50 per copy
PORTABLE METERED HYDRANT CHARGES	
Short Term Hire - Each week or part thereof	\$50.00
Annual Hire (nil consumption allowance) Per Annum or part thereof	\$250.00
All Portable Standpipe Water Sales per Kilolitre	\$2.30
Deposit for non local consumer	\$1,000.00

Service	2009/2010 Fees
DEVELOPMENT PROPOSALS	
Assessment of Development Proposals (including Subdivision, Strata and Community/Neighbourhood Plans) <ul style="list-style-type: none"> - Up to 5 connections - Six (6) to Fifteen (15) connections - Sixteen (16) to Thirty (30) connections - Other 	Per Connection <ul style="list-style-type: none"> \$50.00 \$40.00 \$35.00 By Quotation
PIPE LOCATIONS	
Reticulated Areas Locate only Locate and expose (Minimum notice 24 hours)	At Cost (minimum \$50) At Cost (minimum \$50)
Rural (Non Reticulated) Areas Locate only Locate and expose (Minimum notice 24 hours)	At Cost (minimum \$50) At Cost (minimum \$50)
BACKFLOW PREVENTION	
Installation of RPZ device	\$500.00 Plus cost of Device
BACKFLOW DEVICE INSPECTION & TESTING (per device)	
Reticulated	\$150 plus \$50 per hour
Rural (Non Reticulated)	\$150 plus \$50 per hour

10.4 Goods & Services Tax

All pricing set out in this section is exclusive of Australian Government Goods & Services Tax. In the event of such tax applying to any charge levied by this Council, whether listed in this Plan or otherwise, Goods & Services Tax at the applicable rate is to be added to the price set out in this Management Plan.

11. PROJECTED INCOME AND EXPENDITURE FOR 2009/2010 AND SUBSEQUENT YEARS

The following projections for 2009/2010 and the subsequent two financial years were prepared on a conservative basis, assuming known and likely increases in expenditure and corresponding increases in revenues required to fund such expenditure. This action has been taken to present a small surplus budget for 2009/10 on the assumption that water sales will be similar to the 2007/08 year. Small deficit and surplus results in the subsequent two years are anticipated assuming current policies, arrangements and trends in income and expenditure continue.

A deficit result in 2007/08 of \$553,000 and an anticipated deficit result in 2008/09 of \$242,000 has necessitated Council review its financial viability.

As is evident from the figures provided, the majority of Council's income arises from charges for use of water together with availability charges. Council has recently undertaken a review of its pricing structure which included the adoption of Best Practice Pricing Principles for Local Water Utilities as advocated by the NSW Government. These principles promote water conservation through pricing and have resulted in an overall increase in revenue from the two charges of 8%. Similar increases have been estimated for the subsequent 2 years.

Projected Expenditures are similar to previous years and have generally increased in line with anticipated Consumer Price Index (CPI) increases. Known exceptional increases such as energy costs have been incorporated. Known future maintenance items of a major nature have been included in the year(s) in which they will be undertaken.

The figures provided indicate that in real terms, a "balanced budget" should be achieved. It should be noted however, that Council holds a "sales fluctuation" restricted asset, which would be able to be applied to make up lost revenue in any year where income was substantially reduced as a result of seasonal conditions.

A direct relationship between water sales and energy costs has been identified and this has been factored in when preparing these estimates. Estimated increases in energy costs of approximately 20% have been included. Consequently any significant variation in water sales will result in a similar variation in energy costs.

Employee costs have been calculated using anticipated staffing levels, individual staff regrading and estimated remuneration increases that may occur as a result of Enterprise Agreement negotiations that are currently in progress. Employment overheads, particularly superannuation costs, have increased as a result of the current global financial crisis.

GOLDENFIELDS WATER COUNTY COUNCIL BUDGET 2009/10

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12
A. EXPENSES & REVENUES	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
	Actual	Actual	Anticipated	Estimate	Estimate	Estimate
Expenses						
Management						
Admin/Engineering/Supervision	1,842	1,836	2,259	2,390	2,624	2,578
Community Service & Support	77	101	80	80	80	80
Operation & Maintenance Expenses						
Mains						
Operation Expenses	386	457	448	414	444	444
Maintenance Expenses	1,296	1,107	1,237	1,034	1,129	1,064
Reservoirs						
Operation Expenses	37	45	51	51	51	51
Maintenance Expenses	287	206	144	205	481	875
Pumping Stations						
Operation Expenses	162	108	172	154	189	164
Energy Costs	1,708	1,401	1,505	1,854	1,948	2,047
Maintenance Expenses	561	511	577	611	671	525
Treatment						
Operation Expenses	250	294	285	285	285	285
Chemical Costs	284	262	313	263	263	263
Maintenance Expenses	105	94	128	116	116	116
Other						
Operation Expenses	135	168	180	168	173	178
Maintenance Expenses	530	546	546	575	680	685
Purchase of Water	110	63	116	72	76	80
Depreciation						
System Assets	4,905	5,643	5,242	5,587	5,833	6,059
Plant & Equipment	258	272	280	280	280	280
Less Plant Deprec. Charged to Works	-258	-272	-280	-280	-280	-280
Miscellaneous						
Interest on Loans	-	-	-	-	-	-
Private Works	16	43	15	10	10	10
Total Operating Expenses	12,691	12,885	13,298	13,869	15,053	15,504
Loss from Disposal of Assets	43	60	50	50	50	50
Total Expenses	12,734	12,945	13,348	13,919	15,103	15,554
Revenues						
Service Availability Charges						
Retail Consumers	1,960	1,977	1,980	1,524	1,646	1,778
Bulk Consumers	1,085	1,085	1,056	783	846	914
User Charges						
Retail Consumers	6,642	5,220	5,980	7,083	7,650	8,262
Bulk Consumers	2,056	1,730	2,360	3,097	3,445	3,613
Interest						
Extra Charges	24	21	20	20	20	20
Interest on Investments	1,628	1,452	1,000	761	312	262

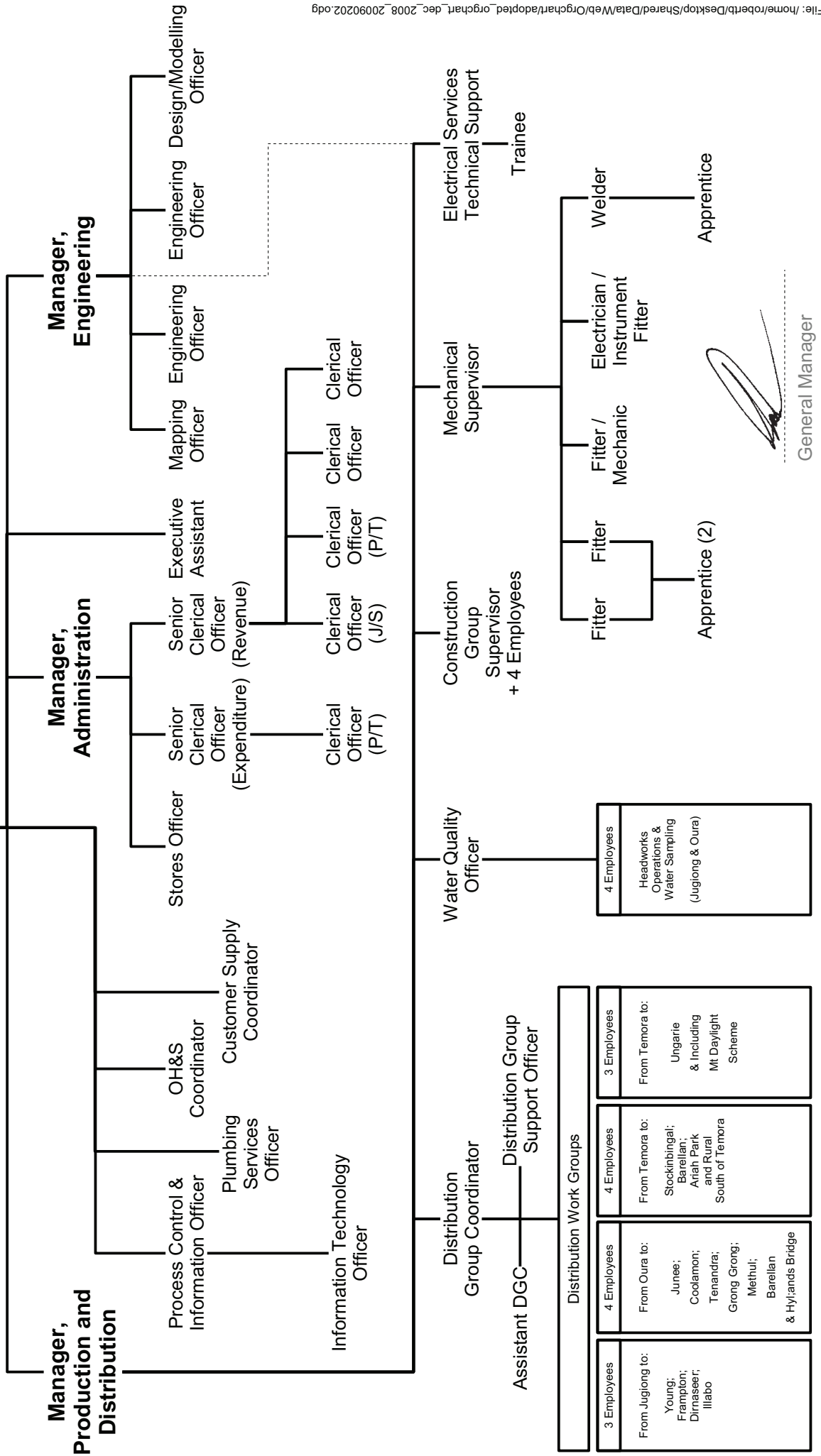
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
	Actual	Actual	Anticipated	Estimate	Estimate	Estimate
Other Revenues						
Rents, Fees etc	105	125	104	81	82	84
Private Works	15	40	15	10	10	10
Other	11	78	23	18	18	18
Grants						
Pensioner Subsidy	97	96	93	93	93	93
Other	33	8	-	-	-	-
Contributions						
Developer Charges Mains etc	3	3	1	1	1	1
Headworks & Rural Schemes	677	445	375	450	450	450
Headworks Charges - Specific Projects	24	24	24	24	24	24
Tapping Fees	69	54	40	55	55	60
Other Contributions	33	34	35	31	32	33
Total Operating Revenues	14,462	12,392	13,106	14,031	14,584	15,622
Change in Net Assets Resulting From Operations	1,728	- 553	- 242	112	- 519	68
B. CAPITAL TRANSACTIONS						
Acquisition of Fixed Assets						
New System Assets	4,440	2,157	3,113	301	5,600	560
Renewals	1,681	9,101	8,718	4,900	2,130	9,397
Plant & Equipment (Net)	20	423	470	370	370	370
Loan Payment Instalments	-	-	-	-	-	-
Repayment of Loan Principal	-	-	-	-	-	-
Total Capital Expenditure	6,141	11,681	12,301	5,571	8,100	10,327

ORGANISATIONAL STRUCTURE

Adopted December 2008

COUNCIL

General Manager



GOLDENFIELDS WATER COUNTY COUNCIL INFRASTRUCTURE NETWORK

Council provides the essential water requirements of about 40,000 people spread over an area in excess of 20,000 square kilometres between the Lachlan & Murrumbidgee Rivers in the South West of NSW.

Whilst the operation of all systems under Goldenfields' control is being fully integrated, the infrastructure relies on five separate sources, each of which supplies into a separate area.

a) JUGIONG

Supply is obtained from the Murrumbidgee River adjacent to the Village of Jugiong and treated at a modern plant with nominal capacity of 40 megalitres/day.

The plant process includes settlement, filtration, chlorination and fluoridation, followed by pumping to the Cowangs Reservoirs for distribution.

This system utilises 14 sets of reservoirs and 8 operational pumping stations and serves consumers in the rural areas and villages of the Shires of Cootamundra and Temora (east of Temora Township only), as well as the bulk consumers of Cootamundra, Harden and Young Shires.

b) OURA

This source comprises a borefield at Gumly Gumly Island on the northern side of the Murrumbidgee River, just east of Wagga, with associated plant to enable aeration, chlorination and fluoridation before pumping to balance tanks at Junee for distribution.

The total system comprises 4 bore pumps, 19 pumping stations and 33 sets of reservoirs. It supplies bulk water to Riverina Water where that organisation services rural customers in the eastern sector of Wagga City, and then to Council's own customers from Junee north as far as Ungarie and west to Barellan (which has a dual supply).

c) MT ARTHUR

Two bores near Matong on the northern side of the Murrumbidgee River supply water to Goldenfields Customers in the Coolamon - Grong Grong area, initially pumping water to Ganmain for chlorination and subsequent distribution. This system can be interconnected with the Oura System, and all infrastructure other than the bores is included in the details for that system.

d) HYLANDS BRIDGE

A non-potable supply is taken from an irrigation canal and forms the second component of the Barellan dual supply system, as well as providing a farm water supply to the Binya area, through a network of two pumping stations and three sets of reservoirs.

e) MT DAYLIGHT

A borefield situated between Lake Brewster (Lake Ballyrogan) and the Lachlan River, south-west of Lake Cargelligo, is operated jointly by Carrathool Shire and Goldenfields, and supplies untreated (but potable) water to the rural areas and villages of Naradhan, Weethalle and Tallimba.

Infrastructure includes seven reservoir sites and five pumping stations.

The approximate proportions of the output from each source are as follows:-

Jugiong	45%
Oura	45%
Mt Arthur	6%
Hylands Bridge	2%
Mt Daylight	2%

CAPITAL WORKS PROGRAM 2009/10

Job No	Location	Description	Estimate (Budget or Final)	2008/09	2009/10	2010/11	2011/12
New System Assets							
5013-124	Barellan	Additional Reservoirs - Council Costs	715,001	5,000			
5013-121	Naradhan	Additional Reservoirs - Council Costs	517,555	5,000			
5013-126	Kamarah (Allens Rd)	Construct Reservoir	300,000	55,000	240,626		
5013-704	Ariah Park	Construct Additional Reservoir and Pump Station - GWCC Costs	972,085	5,000			
5013-127	Bectric	Reservoir Site Acquisition	8,000	3,246			
5013-808	Coolamon	New Chlorinator	10,000	3,000			
5013-550 & 5013-551	Oura & Matong Systems	Install iron/manganese minimisation systems	500,000			500,000	
5013-560	Oura & Matong Systems	Alternate Water Supply Investigations	600,000				
5013-531	Temora	Temora East Reservoir - GWCC Costs	240,000	90,039			
5013-806	Temora	Temora East Reservoir - Contract Costs	910,000	385,242			
5013-807	Temora	Temora East Reservoir - Consultant Costs	50,000	33,140			
5013-803	Temora	Temora East Reservoir - Interconnection	820,000	100,000			
5013-702	Ganmain	Additional Storage- GWCC Costs	25,000	10,000			
5013-605	Various	Site Acquisition & Construction of Radio Facilities	500,000	10,000	10,000	10,000	10,000
5013-606	Temora/Ariah Park	System Automation - Citect link between Temora & Ariah Park	100,000	14,000			
	Cootamundra	System Automation - Scada link between Old Temora Rd & Coota Depot	40,000	40,000			
	Coolamon	System Automation - Scada link between Lonsdales Lane and Coolamon North & South	40,000	40,000			
	Oura	System Automation - Scada link between Marrar Pinnacle, Talbingo Lane & Oura	35,000	35,000			
	Junee	System Automation - Scada link between Eurollie Road and Cartwrights Hill	40,000	40,000			
	Temora	System Automation - Citec Clustering	50,000	50,000			
	Junee Reefs - Temora - Wyalong	System Automation - SCADA link	140,000			140,000	
5013-820	Various	Mains Extension	1,500,000	50,000	50,000	50,000	50,000
5013-823	Temora	Mains Extension - Bundawarra Street	200,000	40,000			
	Coolamon / Ganmain	Augmentation of Coolamon / Ganmain supply system	1,000,000				
	West Wyalong	Additional Storage	1,500,000				500,000
	Junee	Additional Storage	5,000,000	100,000		4,900,000	
5013-802	Oura	Additional Storage	2,000,000	1,998,227			
			17,812,641	3,111,894	300,626	5,600,000	560,000
Renewals							
5013-010	Oura Bores	Additional or Replacement Bore	300,000	267,270			
5013-543	Thanowring Road	VSD Upgrade	130,000	5,000			
5013-542	Oura Pump Station	Replace Electrical Switchgear, Telemetry, etc	650,000	392,449			
5013-572	Temora Depot	Upgrading	203,000	82,056			
5013-571	Cootamundra Depot	Upgrading	684,180	599,194			
5013-540	Cootamundra	Upgrade No 4 Pump Stn	250,000	184,119			
5013-651	Cowangs Reservoirs	Mains Replacement	250,000	201,601			
5013-850	Stockinbingal - Temora	Mains Replacement - Contract Payments	8,000,000	9,000			
5013-851	Stockinbingal - Temora	Mains Replacement - GHD Supervision	140,000	9,000			
5013-852	Stockinbingal - Temora	Mains Replacement - GWCC Supervision	25,000	1,000			
5013-853	Stockinbingal - Temora	Mains Replacement - GWCC Costs (P&D Group)	200,000	2,000			
5013-660	Jugiong #1 Pump Station	Major Upgrade	6,000,000	31,815	1,000,000	1,000,000	3,946,813
5013-652	Temora, Reefton & Barmedman Pump Stations	Upgrade Electrics	400,000				400,000
5013-868	Reefton - Barmedman	Mains Replacement	3,200,000	3,113,059			
5013-981	Reefton - Barmedman	Mains Replacement - Contract Costs					
5013-982	Reefton - Barmedman	Mains Replacement - Contract Supervision					
5013-983	Reefton - Barmedman	Mains Replacement - GWCC Costs					
5013-870	Yidda - Wyalong	Mains Replacement	2,500,000	2,418,850			
5013-984	Yidda - Wyalong	Mains Replacement - Contract Costs					
5013-985	Yidda - Wyalong	Mains Replacement - Contract Supervision					

CAPITAL WORKS PROGRAM 2009/10

Job No	Location	Description	Estimate (Budget or Final)	2008/09	2009/10	2010/11	2011/12
5013-986	Yidda - Wyalong	Mains Replacement - GWCC Costs					
5013-515	To be determined	Mains Replacement/ Augmentation/ Improvement	28,975,000	475,000	500,000	1,000,000	1,000,000
5013-871	Garoolgan PS to Binya	Mains Replacement	110,000	6,000			
5013-872	Binya O/Take to Garoolgan	Mains Replacement	110,000	6,000			
5013-951	Barellan - Main Street	Mains Replacement	150,000	150,000			
5013-953	Cootamundra - Old Sydney Road , Stage 1	Mains Replacement	140,000	140,000			
5013-955	Marrar - Town Streets stage 1	Mains Replacement	140,000	140,000			
5013-952	Coolamon -Reservoir Interconnection	Mains Replacement	200,000	200,000			
5013-956	Coolamon	Mains Replacement - Mann St	25,000	25,000			
5013-590	To be determined	Site/Easement Acquisition	1,650,000	200,000	50,000	50,000	50,000
5013-954	Coota - Baloorra	Mains Replacement	3,000,000	10,000	2,850,000		
	Temora	Internal Lining of Records Storage Facility	30,000	30,000			
5013-970	Marinna Pump Station	Replace No 2 Pump and Associated Electrics	20,000	20,000			
	Cowangs - Coota	Mains Replacement	8,000,000				4,000,000
	Jugiong Filtration Plant	Replace Control System	500,000		500,000		
	Mt Daylight	Source Upgrade	500,000				
	Rosehill Offtake to No 5 Pump Station	375mm Mains Replacement 0.85km	250,000				
	Beggan Surge Tank to Nimbi West Interconnection	500mm Mains Replacement - 8.0km	3,500,000				
	Harden Balance Tank to Prossers	500mm Mains Replacement - 4.0km	1,800,000				
	Wombat Offtake to Black Range Reservoir	450mm Mains Replacement - 10.0km	3,900,000				
	Demondrille	Replace Discharge Pipework	80,000			80,000	
	Rural Mains	Mains Replacement	80,000,000				
			156,012,180	8,718,413	4,900,000	2,130,000	9,396,813
		Plant & Equipment (Nett)					
5013-591 & 5013-592	Computer & Office Equipment Etc	Acquisitions & Replacements	600,000	20,000	20,000	20,000	20,000
5012-015 + 5013-573 +	Plant Purchases / Sales	Acquisitions & Replacements	10,600,000	450,000	350,000	350,000	350,000
	Mobile Plant & Equipment		11,200,000	470,000	370,000	370,000	370,000
		Total Capital Works Program	185,024,821	12,300,307	5,570,626	8,100,000	10,326,813
		New	17,812,641	3,111,894	300,626	5,600,000	560,000
		Renewals	156,012,180	8,718,413	4,900,000	2,130,000	9,396,813
		Plant & Equip	11,200,000	470,000	370,000	370,000	370,000
			185,024,821	12,300,307	5,570,626	8,100,000	10,326,813