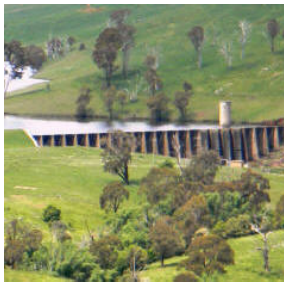

Central Tablelands Water

Development Servicing Plans For Water Supply 2013

DRAFT FOR EXHIBITION

JANUARY 2013

HydroScience

Strategic Water Solutions

Central Tablelands Water

Development Servicing Plan
For Water Supply
2013

Draft for Exhibition

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Document Control					
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Revision	Author	Reviewer	Name	Signature	Date
4	ARA	GAZ	Gidi Azar		11 January 2013

Executive Summary

This Development Servicing Plan (DSP) covers water supply developer charge for the following areas served by Central Tablelands Water (CTW):

- Lake Rowland's DSP area: Blayney, Carcoar, Lyndhurst, Mandurama, Millthorpe, Canowindra, Cargo, Cudal, Eugowra, Manildra and Grenfell.
- Quandialla DSP area: Quandialla

The water supply developer charges calculated for the CTW DSP areas covered by this DSP are below:

DSP Areas	Adopted Water Supply Residential Developer Charges 13/14 ($ per ET)
Lake Rowlands	$8,333
Quandialla	$15,088

The charges will be indexed on 1st July each year on the basis of movements in the CPI for Sydney.

The DSP has been prepared in accordance with the Developer Charges Guidelines for Water Supply, Sewerage and Stormwater (2002) issued by the Minister for Land and Water Conservation pursuant to section 306 (3) of the Water Management Act 2000. This document is to be registered with the NSW Office of Water.

The development servicing areas covered by these DSP are shown in Appendix A.

The existing assets serving the DSP areas and the timing and expenditures for new water supply works that will serve the area covered by this DSP are shown in section 5.

Water supply Levels of service to be provided by Council are provided in section 6.

The developer charges calculation and methodology including timing of payment; definition of developer charges to be paid and definition of the Equivalent Tenement (ET) of developments which varies from a detached house (1 ET) are described in section 8.

The developer shall be responsible for the full cost of the design and construction of water supply reticulation works within subdivisions.

Contents

1 Introduction

Developer Charges have two related functions:

- They provide a source of funding for infrastructure required for new urban development.
- They provide signals regarding the cost of urban development thus encourage less costly forms and areas of development.

Section 64 of the Local Government Act 1993 enables a local government council to levy developer charges for water supply, sewerage and stormwater. This derives from a cross-reference in that Act to section 306 of the Water Management Act 2000 (Outline of relevant legislation is provided in Appendix D).

A Development Servicing Plan (DSP) is a document which details the water supply or sewerage developer charges to be levied on development areas utilising a water utility's water supply or sewerage infrastructure.

This DSP covers water supply in Central Tablelands Water development areas, which are served by Central Tablelands Water (CTW), as the local water utility.

These DSP enable Central Tablelands Water to levy contributions where the anticipated development will or is likely to increase the demand for water supply services.

This DSP has been prepared in accordance with the Developer Charges Guidelines for Water Supply, Sewerage and Stormwater (2002) issued by the Minister for Land and Water Conservation pursuant to section 306 (3) of the Water Management Act 2000. This document is to be registered with the NSW Office of Water.

This DSP supersedes any other requirements related to water supply developer charges for the area covered by the DSP areas. This DSP takes precedence over any Council's codes or policies where there are any inconsistencies relating to water supply developer charge.

2 Glossary

Below are some terms used in Development Servicing Plan.

Capital Cost	The present Value (MEERA basis) of assets used to service the development
Capital Charge	Capital cost of assets per ET x Return on Investment (ROI) factor.
CTW	Central Tablelands Water
CPI	Consumer Price Index
Developer Charge	A charge levied on developers to recover part of the capital cost incurred in providing infrastructure to new development.
DSP	Development Servicing Plan
EP	Equivalent Person
ET	Equivalent Tenement
LEP	Local Environment Plan
MEERA	Modern Equivalent Engineering Replacement Asset
NPV	Net Present Value
OMA	Operation, maintenance and administration (costs)
Post 1996 Asset	An Asset that was commissioned by a water utility on or after 1st January 1996 or that is yet to be commissioned.
Pre-1996 Asset	An asset that was commissioned by a water utility before 1st January 1996.
Reduction Amount	The amount by which the capital charge is reduced to arrive at the developer charge. This amount reflects the present value of the capital contribution that will be paid by the occupier of a development as part of future annual charges.
ROI	Return on investment. Represents the income that is, or could be, generated by investing money.
Service Area	An area served by a separate water supply system, a separate small town or village, or a new development of over 500 lots.

3 Administration

DSP Name	Lake Rowlands and Quandialla
DSP Areas	CTW operates water supply schemes of two DSP areas determined based on source of supply: • Lake Rowlands and its associated areas are supplied with water from Lake Rowlands dam for most of the year, with water being supplemented as necessary from Goologong Bore during the dry months. • Quandialla town which is supplied from the Quandialla bore. This is a new supply system constructed in 2002 and funded under a separate agreement with the village of Quandialla. The areas covered by this DSP are shown on plans in Appendix A.
DSP Boundaries	The basis for defining the DSP areas boundaries is the existing and future development served by CTW water supply schemes. Any development outside the water supply service areas will require a special agreement with Central Tablelands Water.
Application of Developer Charges	Developer charges will be levied to all land within the DSP area which is serviced, or is proposed to be serviced within one year by reticulated water supply within 200 metres of the property boundary. The developer charges will apply to new development and re-development.
Payment of Developer Charges	In the case of a consent for subdivision: After submission of plans to CTW from either Blayney, Cabonne, or Weddin General Purpose Councils, Councils will notify CTW of development or subdivision. Following assessment by CTW and payment of fees, a Certificate of Compliance will be issued to Council in behalf of the applicant / property.
Time & Payment of Developer Charges	Council will refer the assessment to CTW at the time of assessing the development application. CTW will assess the development and collect the relevant developer charges prior to issuing Council with a Certificate of Compliance. Developers may pay the charges at any time before the Certificate of Compliance is released. However, if the developer charges are not paid in full within the time limit set out in the notice, the developer charges will be determined by CTW at the time of considering the application for a Compliance Certificate, using the DSP current at that time.

DSP Name	Lake Rowlands and Quandialla
Deferred/ periodic payments	Central Tablelands Water may accept deferred payment from a private developer for a water mains extension plus developer charges for a period of two years if the applicant, or any other person entitled to act upon the relevant consent, satisfies the following conditions: ▪ An independent assessment of the marketability of any proposed development should be submitted stating that the developed lots would be in high demand and likely to be sold within a four year period. ▪ Central Tablelands Water must be satisfied as to the feasibility and economic viability of providing water to any proposed development. ▪ Any deferred payment of a water mains extension plus, developer charge, must be repaid, proportionate to the frontage of each block of land, from the full realisation of each block of land within the development. The full cost, or the balance remaining, must be repaid in full at the end of the two year period. ▪ Security for the deferred payment must be by a bank guarantee for the cost of the mains extension plus developer charges. ▪ Each application would need to be determined by Council, based on the adopted policy. ▪ There are sufficient funds within the Development Assistance Reserve to fund the deferred payment application.
Assessment	Assessment of Developer charges payable will be on the basis of Equivalent Tenements (ETs). 1 ET is one residential lot of an area not exceeding 2000 m2, with an existing or proposed single dwelling. Developments will be assessed in terms of their ET loadings on the water supply system as per Department of Public Works' Water Supply Investigation Manual (1986). CTW will make the final decision on the assessment.
Review	Developer Charges relating to these DSP will be reviewed after a period of 5 years. A shorter review period is permitted if a major change in circumstances occurs.
Indexation	The developer charges will be adjusted on 1st July each year on the basis of movements in the CPI for Sydney.

4 Demographic and Land Use Planning Information

4.1 Population Growth Projections

CTW existing population and growth projections are shown in Table 1. The growth rate expected in the areas serviced by Lake Rowlands water supply scheme is 0.7%. CTW has advised that there will be no growth in Quandialla in the next 30 years.

Table 1: Projected Population Growth

Area	2012 Population	2041 Population
Quandialla	312	312
Lake Rowlands	10,397	12,278

(Source: IWCM Evaluation Study, 2009)

The estimated number of water supply ET is estimated to be the same as the number of assessments from the CTW Special Schedules of 30 June 2011.

Table 2: Projected Growth in ET

DSP Areas	Equivalent Tenements (ETs) 2012*	Equivalent Tenements (ETs) 2041*	Total New ETs	Proportion of Growth
Quandialla	106	106	0	0%
Lake Rowlands	5,556	6,801	1,246	100%

1 ET = a standard urban fully detached dwelling

*Source: Special Schedules, 30 June 2011.

Detailed population and ET projections are provided in Appendices B and C.

The area supplied by Central Tablelands Water is shown on the diagram below.

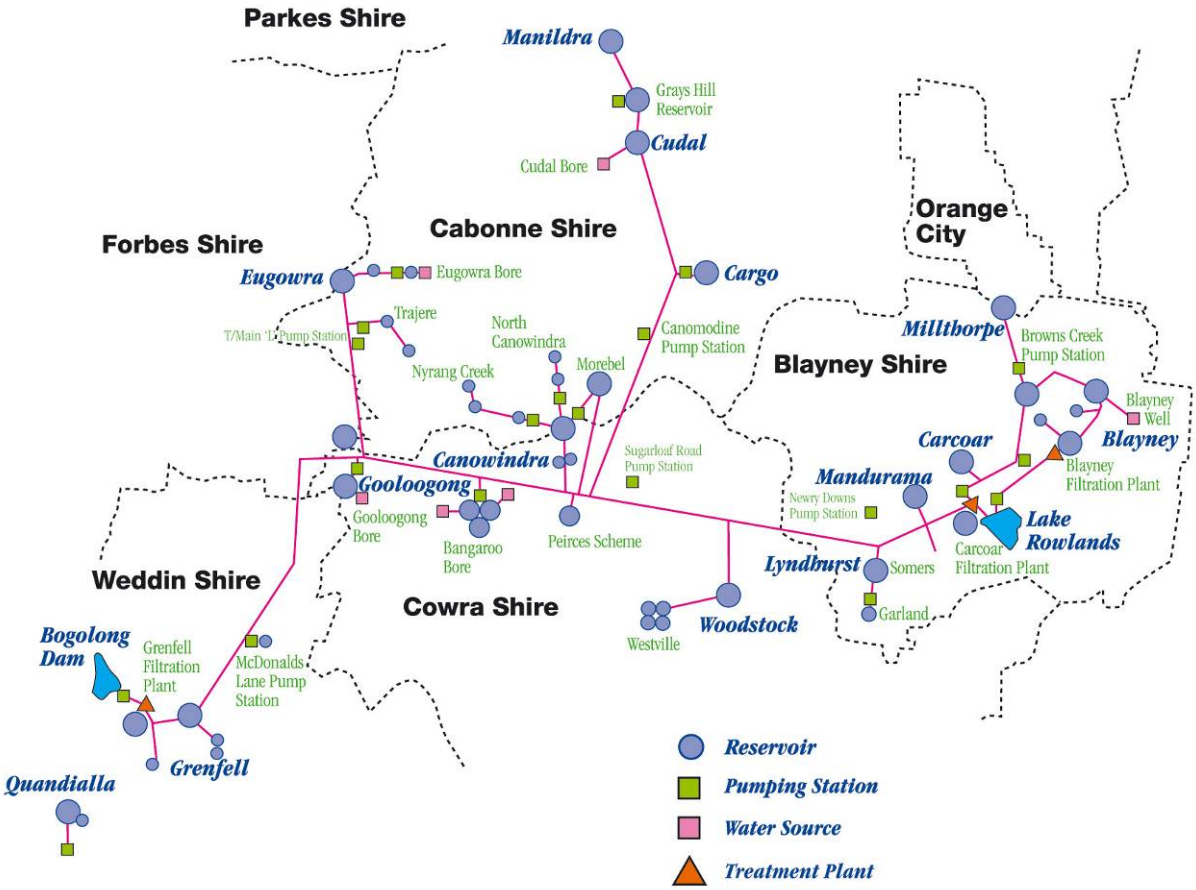


Figure 1: CTW Schematic of Water Supply Distribution Systems

4.2 Land Use Information

The CTW DSP for water supply should be read in conjunction with:

- Blayney Local Environmental Plan 1998
- Cabonne Local Environmental Plan 1991
- Weddin Local Environmental Plan 2002

5 Water Supply Infrastructure

5.1 Assets

The existing and proposed water supply assets serving the area covered by this DSP are listed in table 1 and 2 of the CTW 2012 DSP Background Document for Water Supply (See Appendix B).

5.2 Capital Costs Estimates

Capital works comprising new works, works to improve standards and renewals with an estimated value of $51.4 M will be required over the next 30 years to provide water supply services to the Lake Rowlands serviced area and new development areas. The Developer Charges Guidelines for Water Supply, Sewerage and Stormwater (2002) recommend excluding the cost of future renewals and capital works to improve standards of service from the capital charges calculation.

The calculation of capital charges includes capital costs for growth only, with an estimated value of $17.5 M.

The capital cost of works to upgrade and improve water supply services is detailed in table 2 of the CTW 2012 DSP Background Document for Water Supply (See Appendix B).

5.3 Timing of Works and Expenditure

The annual 30 years capital works expenditure for water supply is shown in Figure 2. CTW has not allocated any capital works for improved standards of service. Timing of works and expenditure are to be reviewed and updated when required.

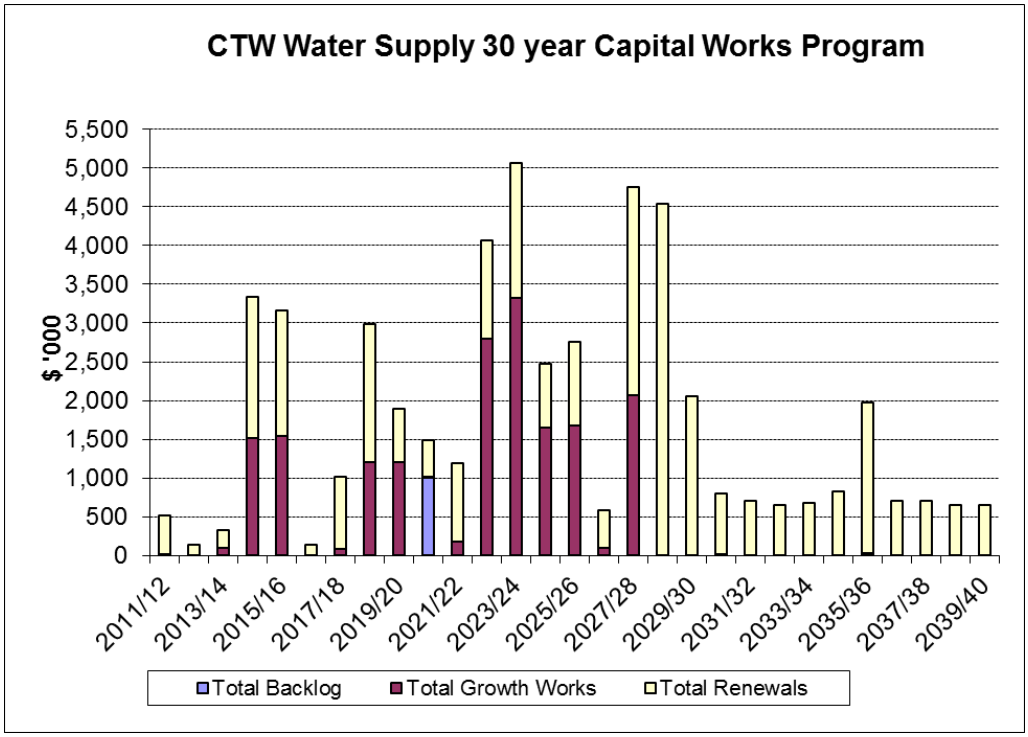


Figure 2: CTW Water Supply 30 Years Capital Works Program

6 Levels of Service

The Levels of Service (LOS) applied to CTW's water supply schemes are the standard targets that CTW aims to achieve. They are not intended as a formal customer contract. CTW system design and operation are based on providing the following levels of service.

Table 3: Water Supply Levels of Service

Description	Unit	Target Level of Service
AVAILABILITY OF SERVICE		
Normal Quantity Available:		
Domestic peak day	L/tenement/d	3000
Domestic annual	L/tenement/y	254
Total Annual Average Consumption	ML/y	2110
Total Peak Daily Consumption (Potable)	ML/d	16
Peak/Average consumption	%	211
Fire Fighting:		
Compliance with Water Supply Investigation Manual (AS2419.1)	% urban area serviced	100
Pressure:		
Min. pressure when delivering 15 L/min	Metres head	20
Max. static pressure	Metres head	60
Flow Rates:		
Domestic(non-rural consumers)	Litres/min	25
Rural	Litres/min	6.3

Description	Unit	Target Level of Service
Consumption Restrictions in Droughts:		
Average duration of restrictions	% of normal usage	0
Average frequency of restrictions	Number/10 yr period	0
SUPPLY INTERRUPTIONS TO CONSUMERS		
Planned (95% of time):		
Notice given to domestic customers:	Hours	48
Notice given to commercial customers:	Hours	48
Notice given to Major industrial and institutional customers:	Days	7
Unplanned:		
Maximum duration:	Hours	<12
Frequency:	Number/yr/customer	<2
Supply Failure:		
During Working Hours:	Hours	1
Out of working hours:	Hours	2
Customer Complaints:		
Personal/Oral:	Working days	5
Written: (Note: times apply for 95% of occasions.)	Working days	5
Service Provision:		
Time to provide a domestic individual connection to water supply in serviced areas (95%)	Working days	10

Description	Unit	Target Level of Service
WATER QUALITY (Should meet the Australian Drinking Water Guidelines, 2011)		
Total Coliforms	CFU/100ml	2
Thermo tolerant Coliforms	CFU/100ml	0
Sampling frequency	Samples/month	4
pH	Unit	7.5
Turbidity	NTU	<1
Fluoride	mg/L	1
Free available chlorine (WTP)	mg/L	1.6
Free available chlorine (Reticulation)	mg/L	0.6
Sampling frequency	Samples/yr	365

Source: CTW DSP workshop on 29th September 2011.

7 Design Parameters

Investigation, design and construction of water supply components are based on:

- Councils levels of service (Refer to section 6 above)
- WSA 03 Water Supply Code of Australia, prepared by the Water Services Association of Australia
- Water Supply Investigation Manual (1986),
- AUSPEC design specifications for water supply

8 Calculated Developer Charges

8.1 Developer Charge

The developer charge for the area covered by this DSP has been calculated on the basis of the following capital charges and reduction amount.

Table 4: Water Supply Developer Charge

	Capital Charge 11/12 ($ per ET)	Reduction Amount ($ per ET)	Calculated Developer Charge 13/14 ($ per ET)	Adopted Developer Charges 13/14 ($ per ET)
Quandialla	16,463	1,760	15,088	15,088
Lake Rowlands	9,880		8,333	8,333

*2013/14 Developer Charge has been calculated using Sydney CPI from June 2011 to June 2012.

8.2 Capital Charge

The capital charges were calculated for CTW water supply service areas, based on the existing and future assets providing the services in these areas. The calculations of the water supply capital charges are provided in Appendix B (Table 4) and summarized above.

The capital charges can be agglomerated (when required) to calculate a weighted average developer charge for all new development. The weighted average capital charge is calculated on the proportion of growth in each DSP area. The weighted average capital charge is then used to calculate the reduction amount for the whole Shire. Where the capital charges for two or more service areas are within 30%, they should be agglomerated into a single DSP. Councils are allowed to do further agglomeration if needed. The CTW calculated capital charges are not required to be agglomerated.

8.3 Reduction Amount

CTW has adopted the NPV of Annual Charges method to calculate the Reduction Amount. This method calculates the reduction amount as the NPV of the future net income from annual charges (income less OMA) for the development area.

The reduction amount was calculated using a Financial Plan prepared using the FINMOD financial planning software and a reduction amount calculator developed by the NSW Office of Water which is based on a 30 year projection. Details of the reduction amount calculations are in Appendix C.

8.4 Reviewing/ Updating of Calculated Developer Charges

Developer charges relating to these DSP will be reviewed at no greater than 5-yearly intervals. In the period between any reviews, developer charges will be adjusted on 1st July each year on the basis of movements in the CPI for Sydney as require by the Developer Charges Guidelines (excluding the impact of GST). Developer charges will be those charges determined by Council from time to time and will be published in Council's Annual Fees and Charges.

8.5 Exclusions

The developer charges do not cover the costs of reticulation works and assets commissioned pre -1970.

The developer shall be responsible for the full cost of the design and construction of water supply reticulation works within subdivisions, as well as works leading up to that subdivision.

Council may direct a developer to upgrade reticulation pipes when they are required to service other development. The cost of upgrading will be paid by Council.

8.6 Developments outside Boundaries of DSP

After the adoption of DSP, an unforeseen new development may occur outside the boundaries of the DSP (see Appendix A). If the planning authorities approve the development, Central Tablelands Water as the local water utility may either:

- Apply the developer charges adopted for the DSP for water supply to the new development, or
- Prepare a new DSP for water for the new development

Such a development is likely to require the construction of specific assets. Provided that there are no other constraints to the development, Central Tablelands Water may approve construction of the essential assets ahead of time. In such cases the assets will be sized by Council in accordance with the requirements of the DSP, and the full capital cost would be met by the developer, in addition to the developer charges levied on the development.

If the asset funded by this developer will serve other future development, the developer may be reimbursed when Council collects developer charges from the future development. Council and the developer must enter into an agreement stating how the developer will be reimbursed in the future.

8.7 Cross Subsidy

The DSP Guidelines require the disclosure of the cross subsidy by existing customers ONLY if a lower developer charge is adopted.

9 Reference Documents

Background information and calculations relating to these DSP are contained in the following documents:

- Developer Charges for Water Supply, Sewerage and Stormwater Guidelines, December 2002, published by NSW Office of Water
- CTW 2012 DSP Background Document for Water Supply (Appendix B)

Note: These background documents contain detailed calculations for the capital charges and developer charges, including asset commissioning dates, size/length of assets, MEERA valuation of assets, 30 years capital works program, assets current and future capacities.

10 Other Related Plan

Unknown

Appendix A

Development Servicing Areas

FIGURE 1 DSP AREA 1

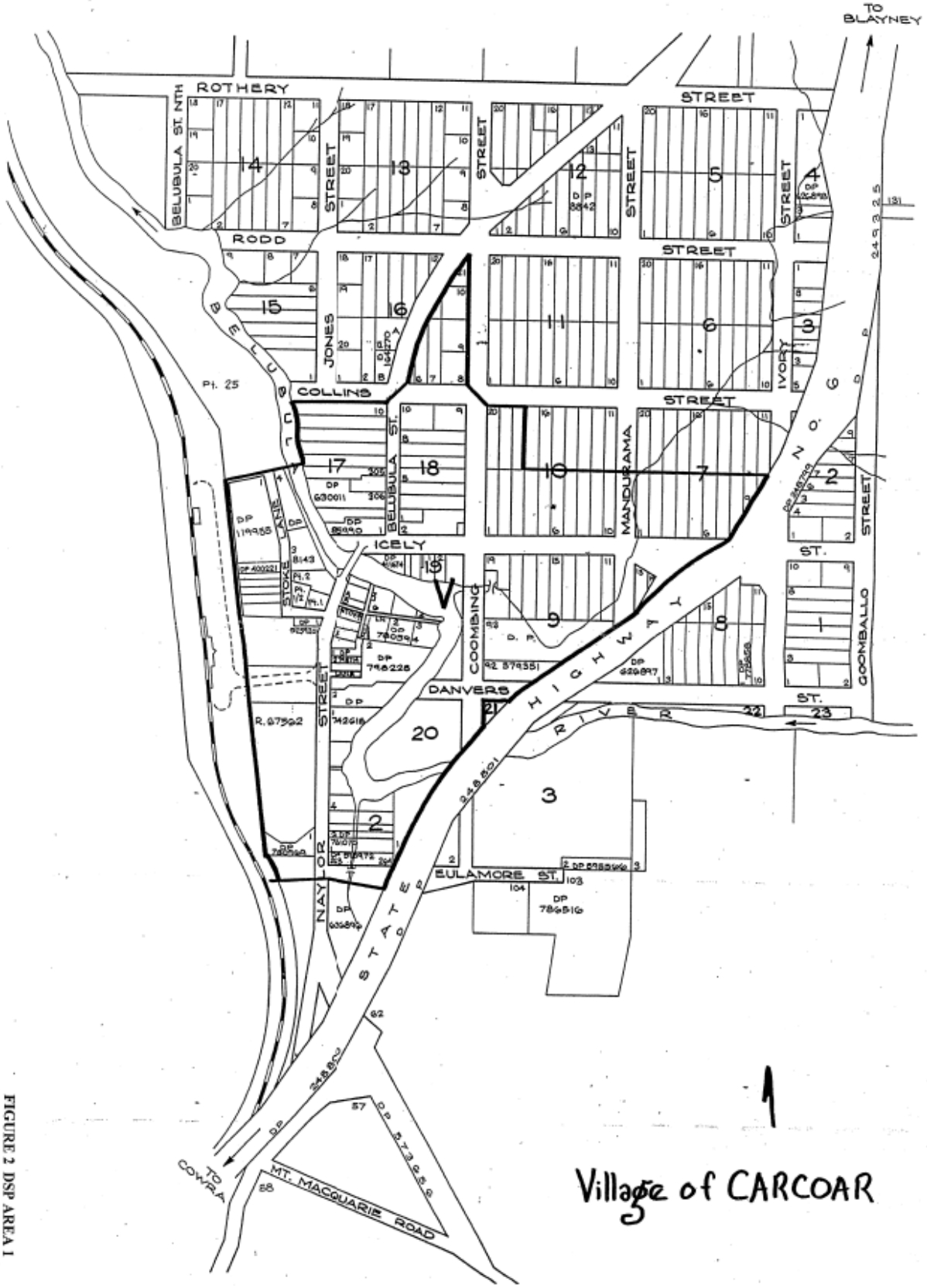


FIGURE 2 DSP AREA 1

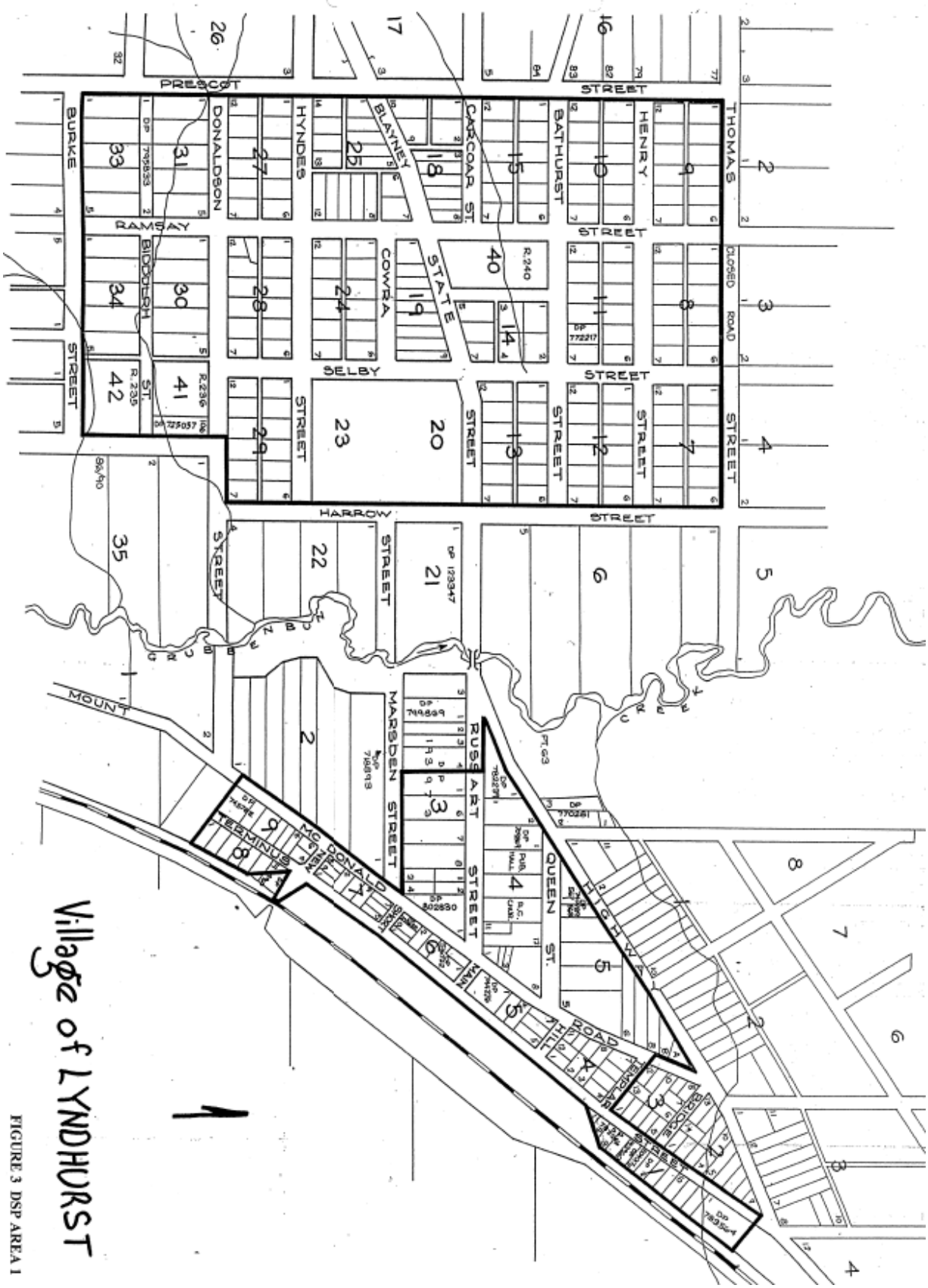


FIGURE 3 DSP AREA 1

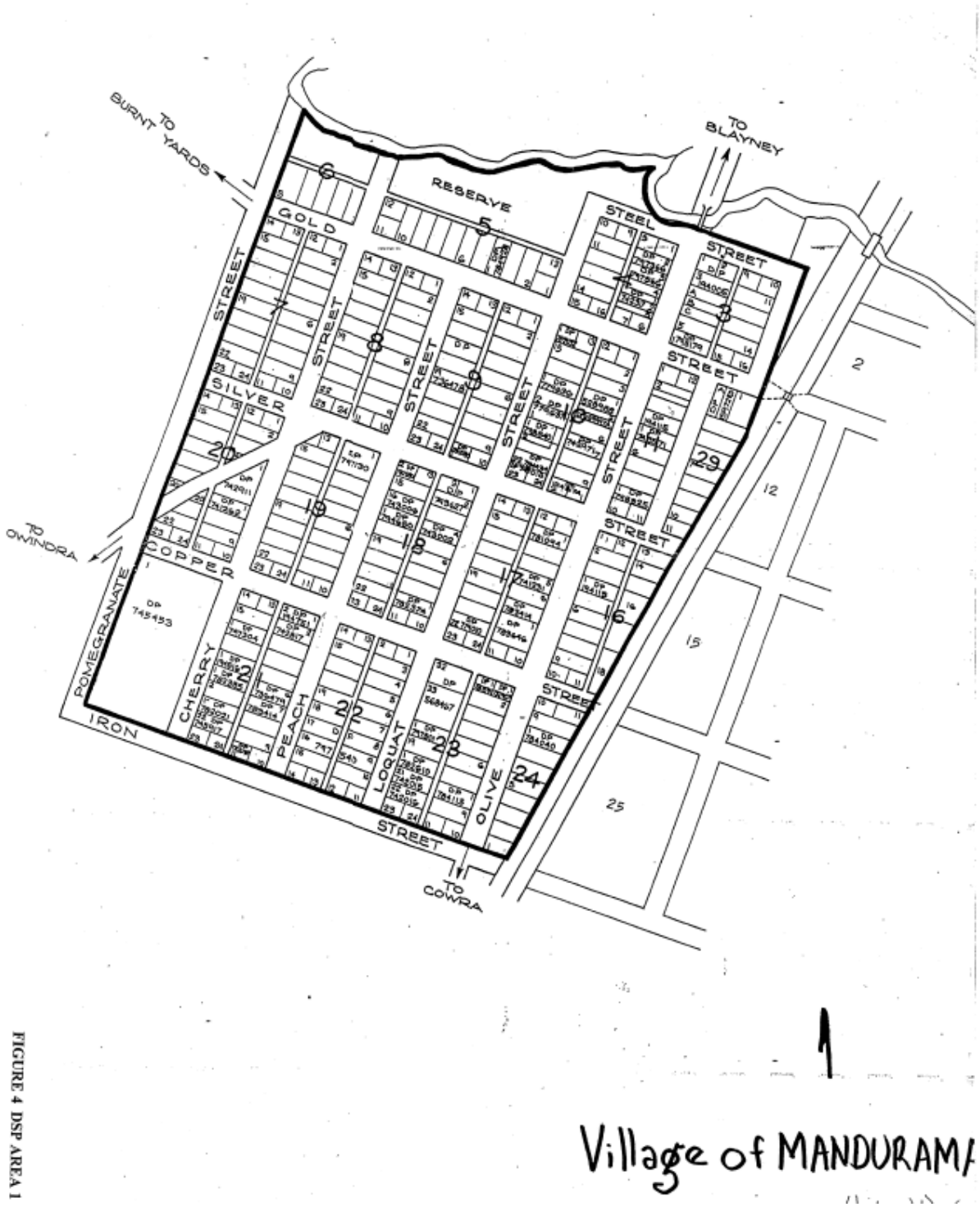


FIGURE 4 DSP AREA 1

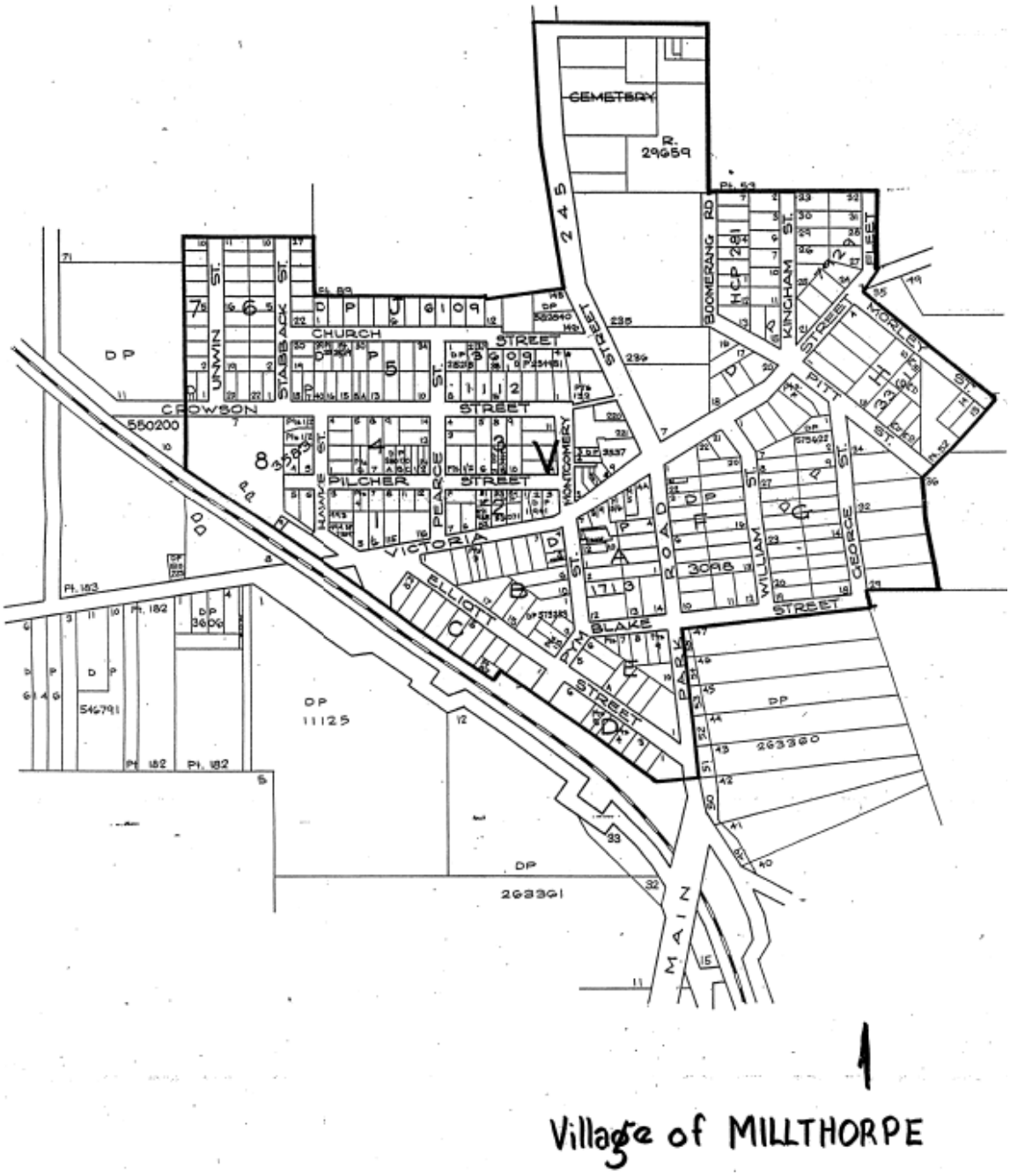
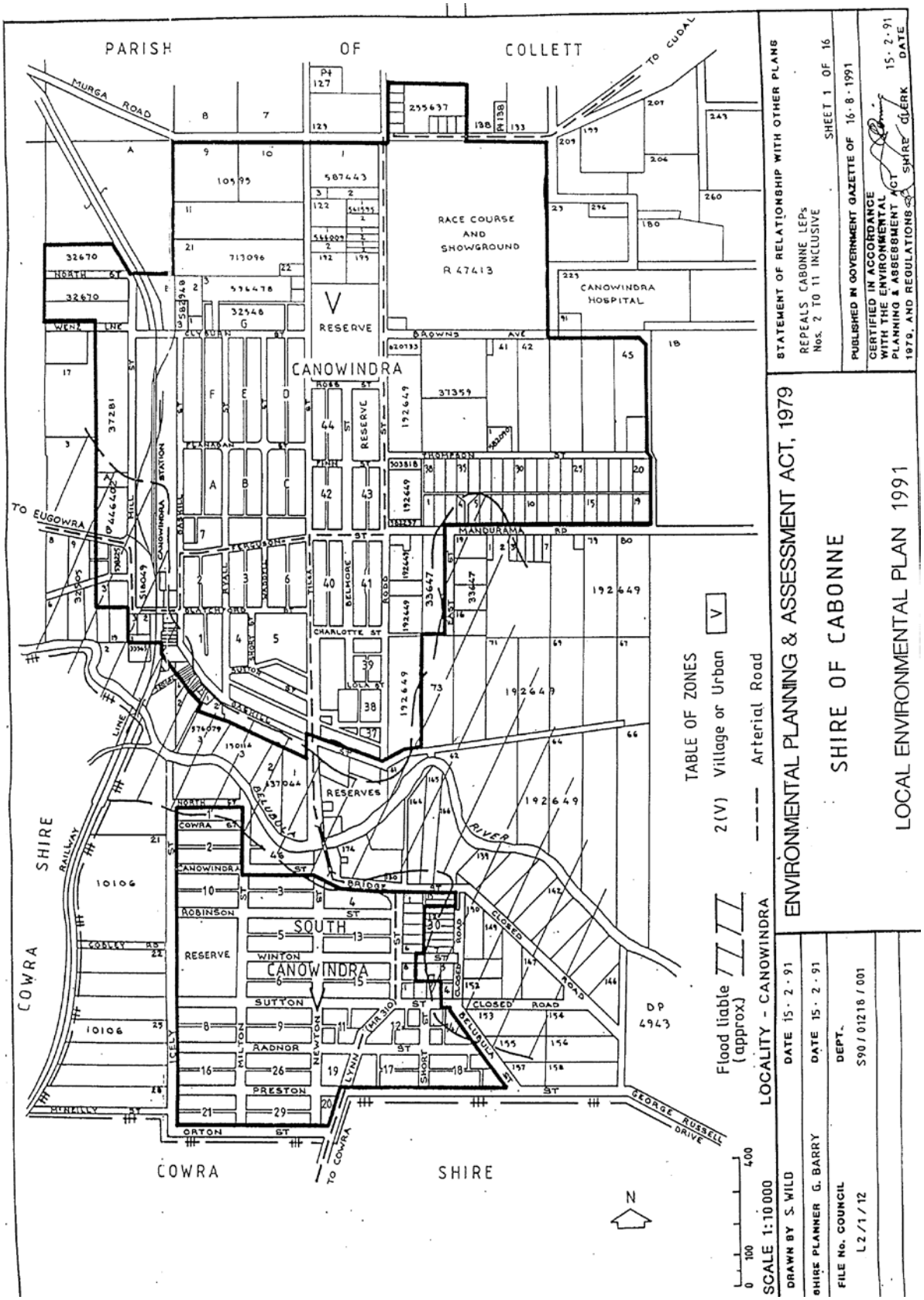
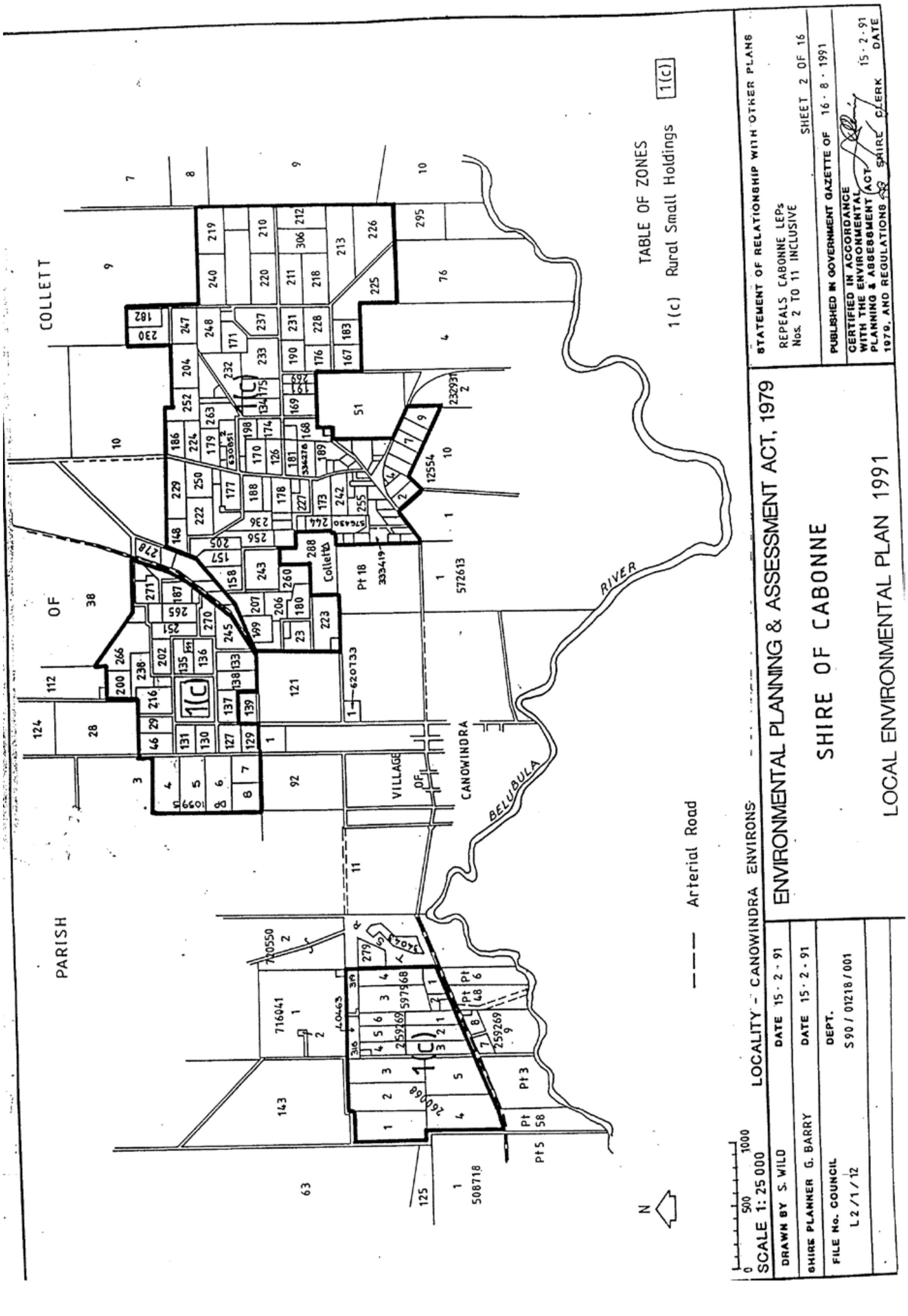
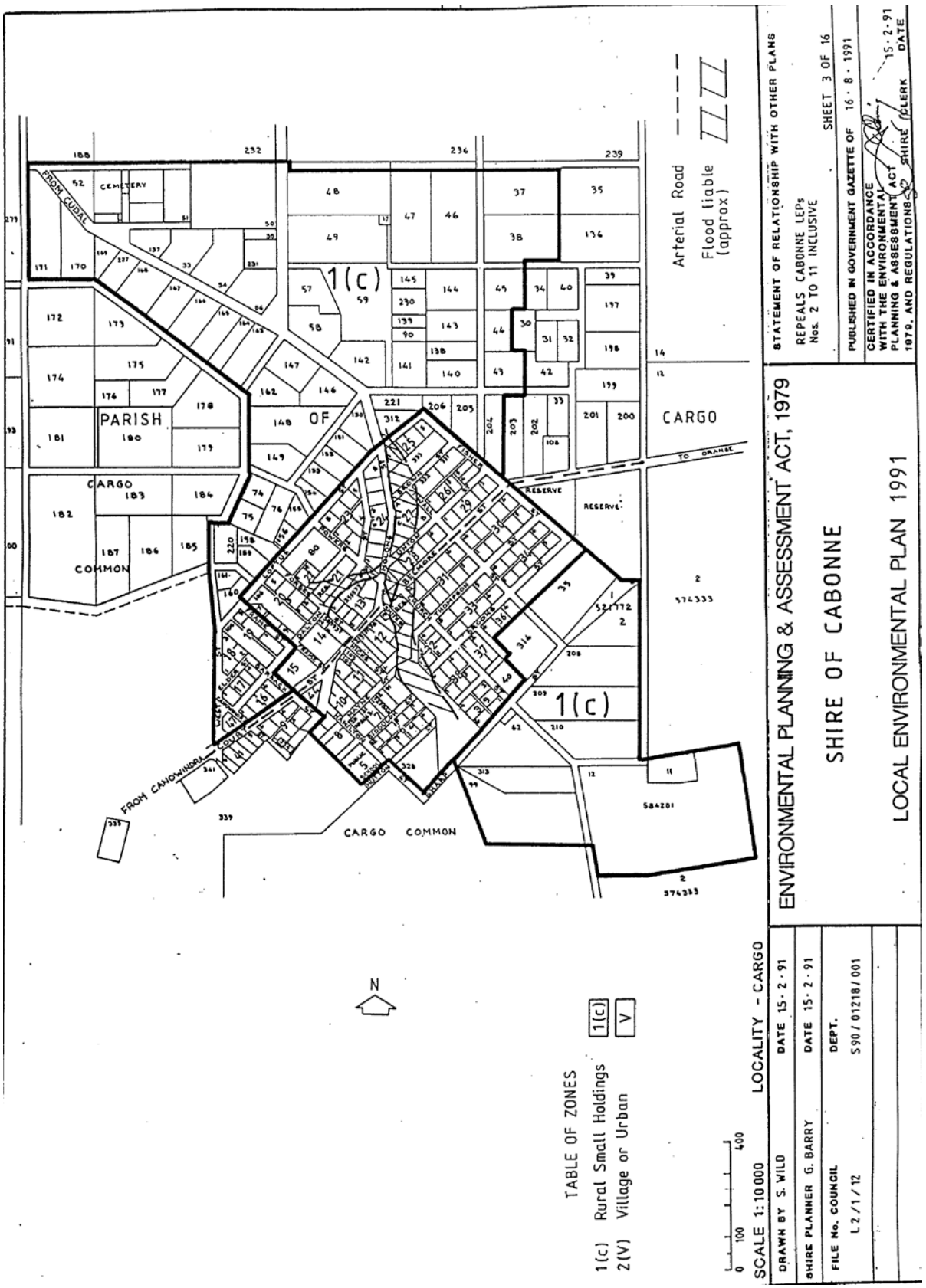


FIGURE 5 DSP AREA 1

Cabonne Shire Council




PARISH
OF
COLLETT
VILLAGE OF CANOWINDRA
BELUBULA
RIVER
TABLE OF ZONES
1(c) Rural Small Holdings
Arterial Road
SCALE 1: 25 000
LOCALITY - CANOWINDRA ENVIRONS
ENVIRONMENTAL PLANNING & ASSESSMENT ACT, 1979
SHIRE OF CABONNE
LOCAL ENVIRONMENTAL PLAN 1991
DRAWN BY S. WILD DATE 15 · 2 · 91
SHIRE PLANNER G. BARRY DATE 15 · 2 · 91
FILE No. COUNCIL L2/1/12
DEPT. S90/01218/001
STATEMENT OF RELATIONSHIP WITH OTHER PLANS
REPEALS CABONNE LEPs Nos. 2 TO 11 INCLUSIVE
SHEET 2 OF 16
PUBLISHED IN GOVERNMENT GAZETTE OF 16 · 8 · 1991
CERTIFIED IN ACCORDANCE WITH THE ENVIRONMENTAL PLANNING & ASSESSMENT ACT 1979, AND REGULATIONS
SHIRE CLERK
15 · 2 · 91
DATE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SHIRE OF CABONNE
LOCAL ENVIRONMENTAL PLAN 1991
LOCALITY - CARGO
SCALE 1:10 000
TABLE OF ZONES
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2(V) Village or Urban
Arterial Road
Flood liable (approx)
PARISH OF CARGO
CARGO COMMON
FROM CANOWINDRA
FROM CUDAL
TO ORANGE
RESERVE
CEMETERY
STATEMENT OF RELATIONSHIP WITH OTHER PLANS
REPEALS CABONNE LEPs Nos. 2 TO 11 INCLUSIVE
SHEET 3 OF 16
PUBLISHED IN GOVERNMENT GAZETTE OF 16 · 8 · 1991
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15 · 2 · 91
DATE
SHIRE CLERK
DRAWN BY S. WILD
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DATE 15 · 2 · 91
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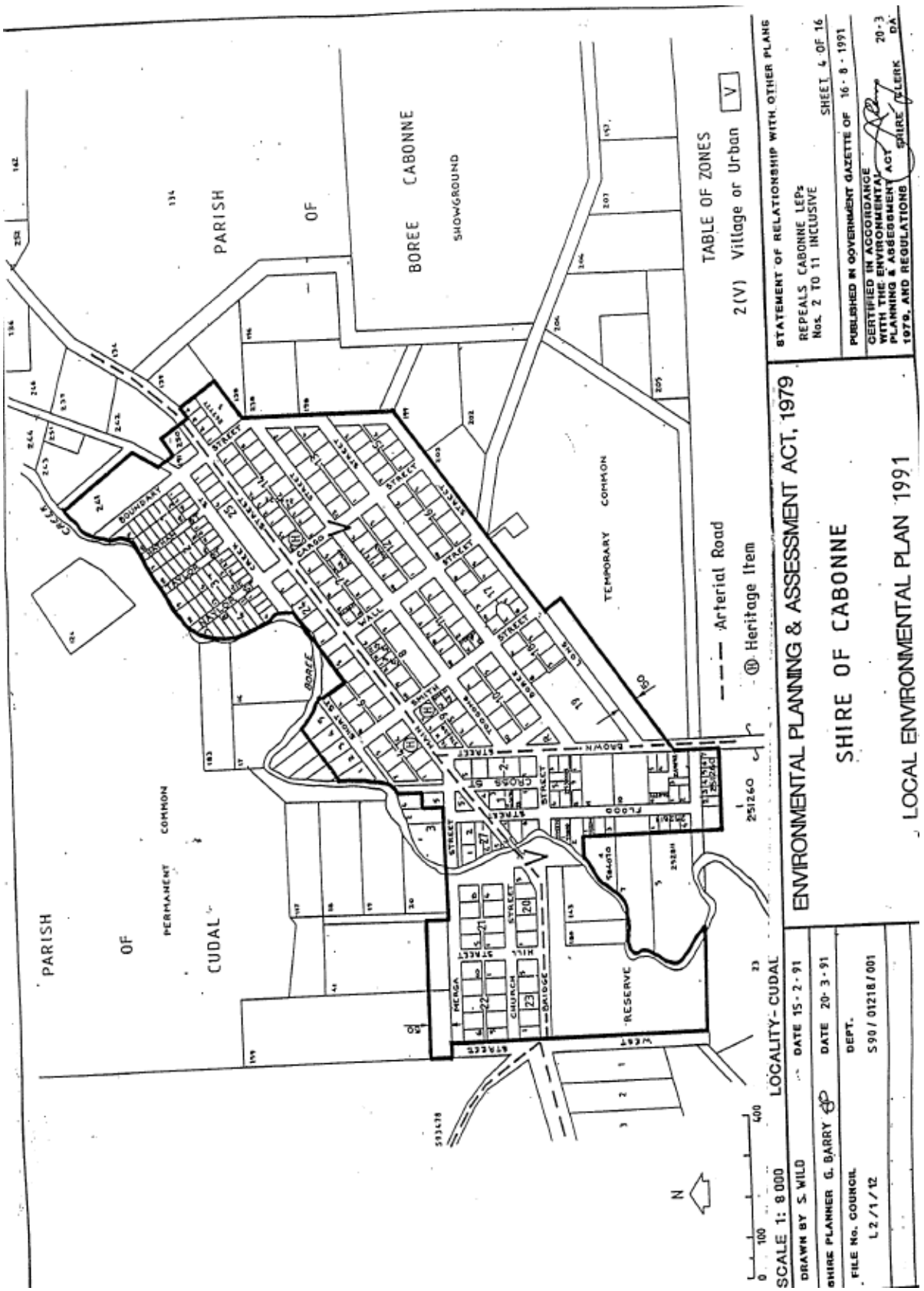
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PERMANENT COMMON
PARISH OF CABONNE
BOREE CABONNE SHOWGROUND
TEMPORARY COMMON
TABLE OF ZONES
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Arterial Road
Heritage Item
STATEMENT OF RELATIONSHIP WITH OTHER PLANS
REPEALS CABONNE LEPs Nos. 2 TO 11 INCLUSIVE
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SHIRE CLERK
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ENVIRONMENTAL PLANNING & ASSESSMENT ACT, 1979
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LOCALITY - CUDAL
SCALE 1: 8 000
DRAWN BY S. WILD
DATE 15 - 2 - 91
SHIRE PLANNER G. BARRY
DATE 20 - 3 - 91
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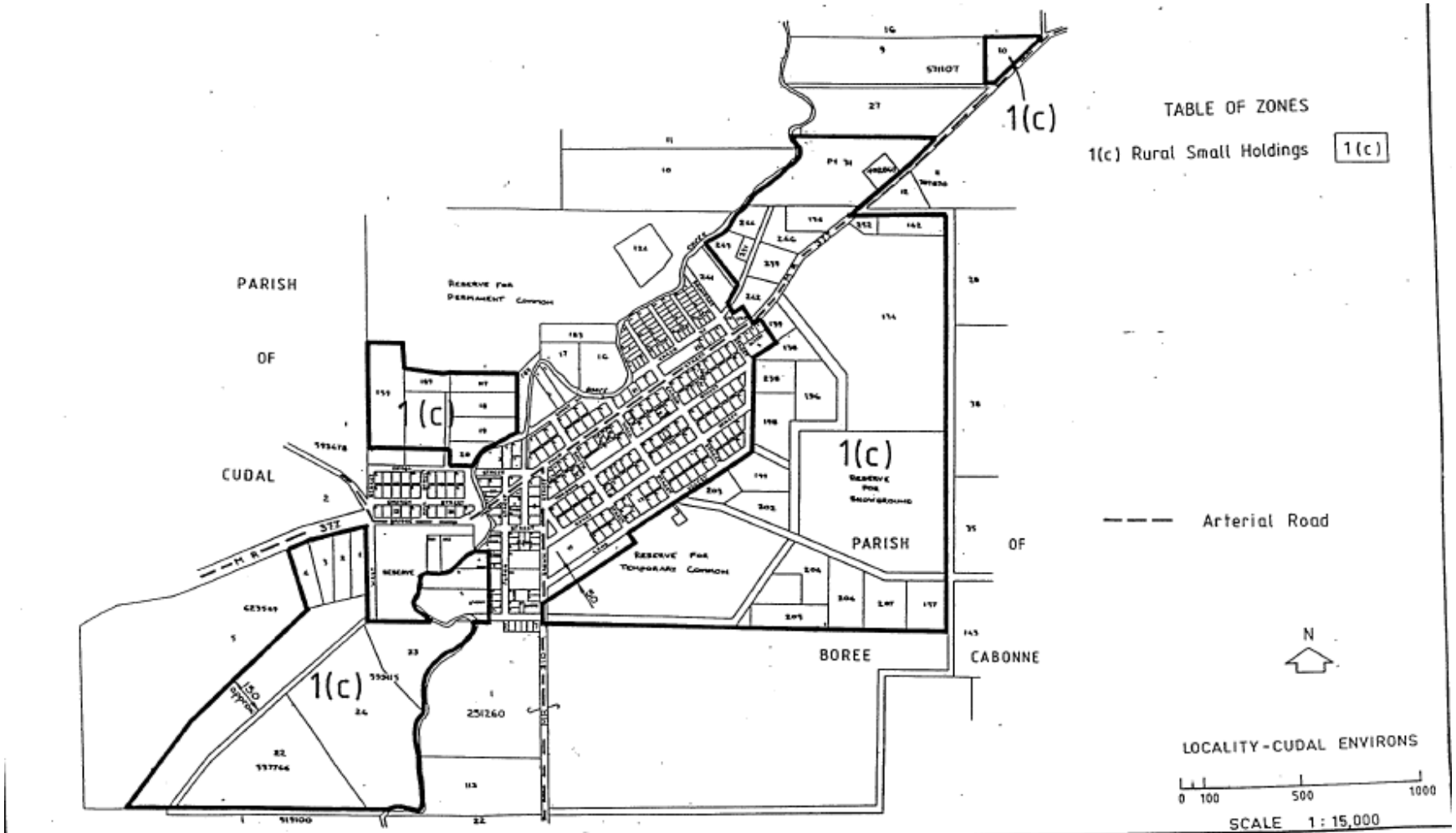

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SHIRE PLANNER G. BARRY	DATE 20 · 3 · 91
FILE No. COUNCIL L 2 / 1 / 12	DEPT. S90 / 01218 / 001

ENVIRONMENTAL PLANNING & ASSESSMENT ACT, 1979

SHIRE OF CABONNE

LOCAL ENVIRONMENTAL PLAN 1991

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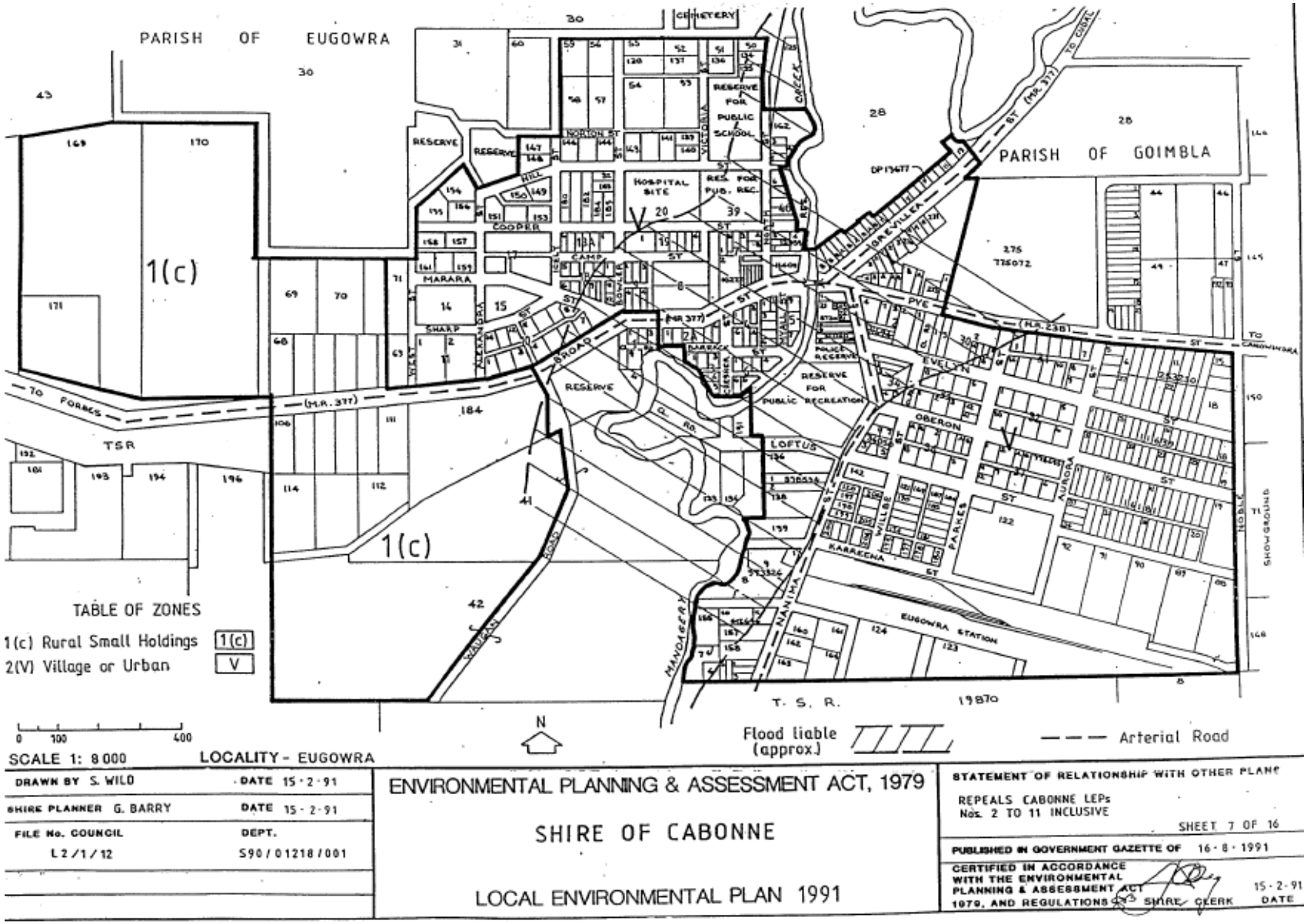
SHIRE CLERK 20 · 3 · 91 DATE



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SHIRE PLANNER G. BARRY	DATE 15 · 2 · 91
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ENVIRONMENTAL PLANNING & ASSESSMENT ACT, 1979

SHIRE OF CABONNE

LOCAL ENVIRONMENTAL PLAN 1991

STATEMENT OF RELATIONSHIP WITH OTHER PLANS

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SHEET 7 OF 16

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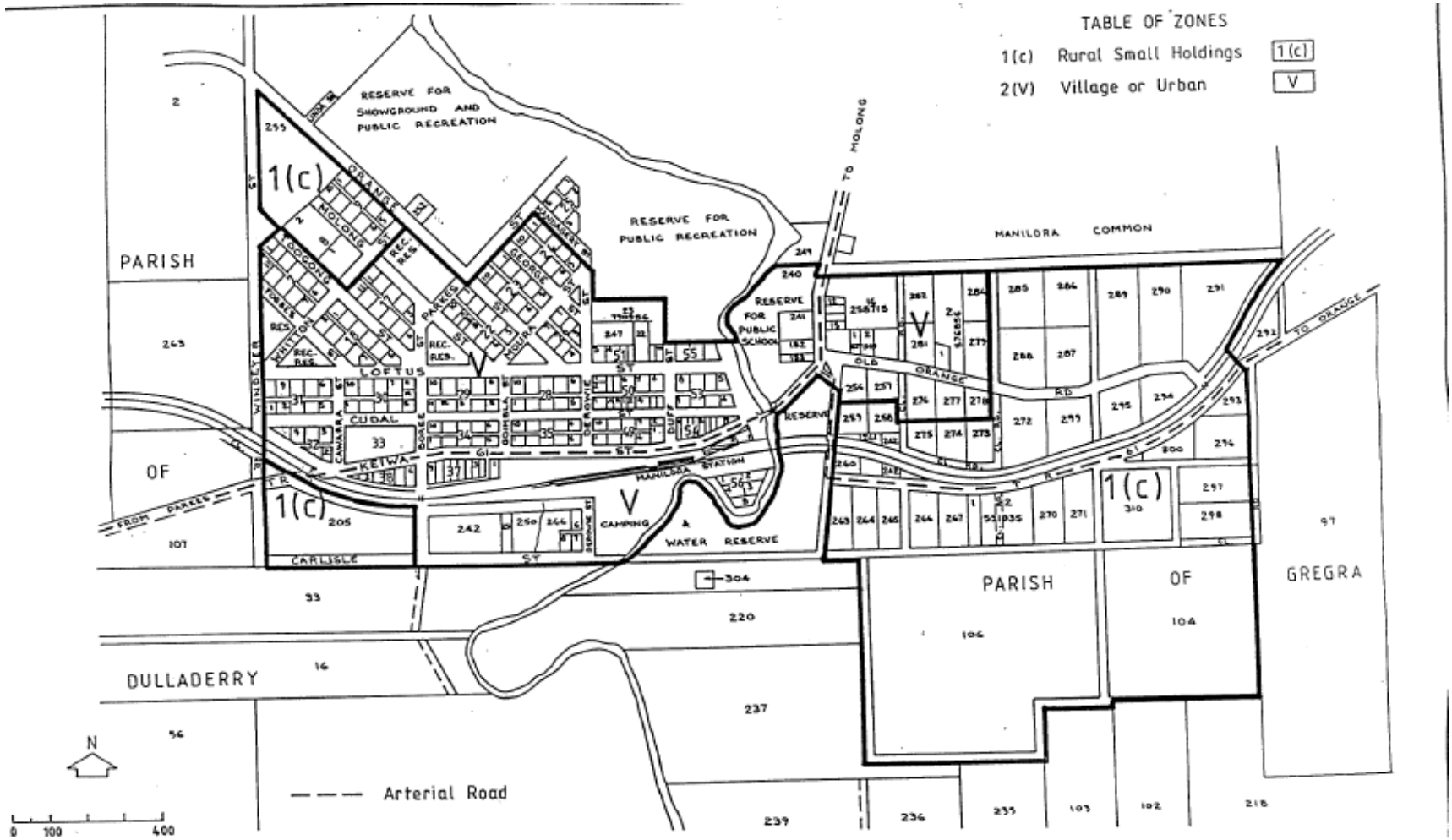

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SHIRE PLANNER G. BARRY	DATE 15-2-91
FILE No. COUNCIL L2/1/12	DEPT. S90/01218/001

ENVIRONMENTAL PLANNING & ASSESSMENT ACT, 1979

SHIRE OF CABONNE

LOCAL ENVIRONMENTAL PLAN 1991

STATEMENT OF RELATIONSHIP WITH OTHER PLANS

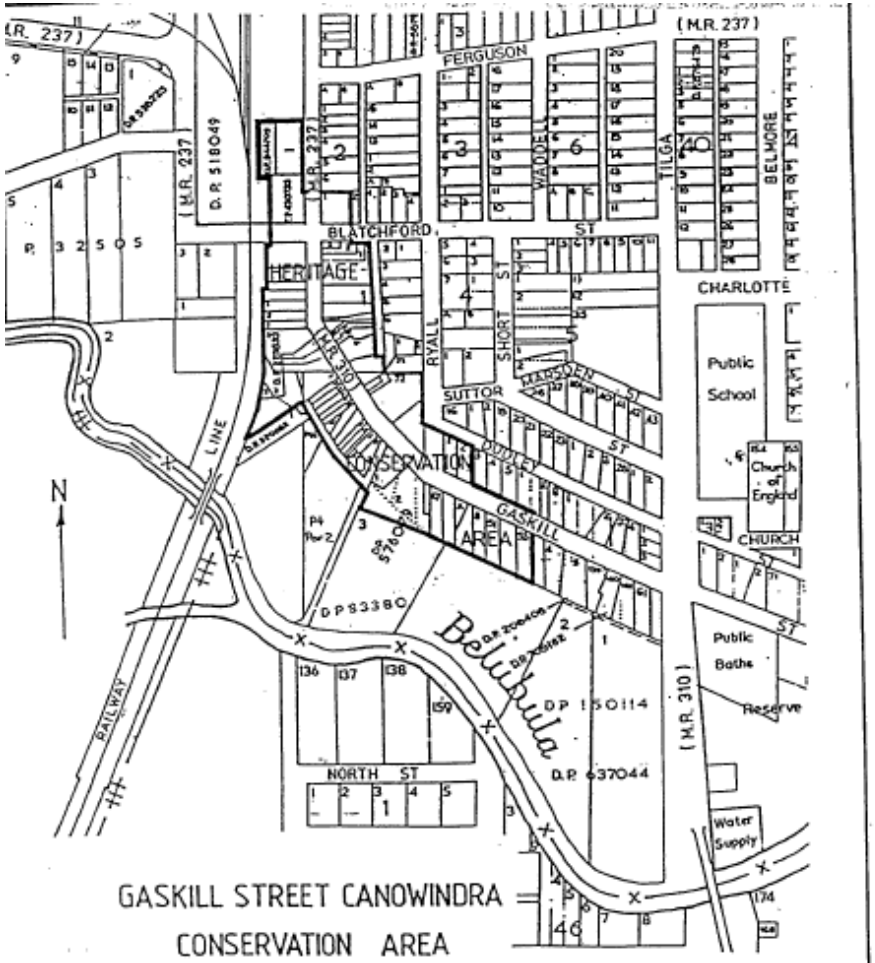
REPEALS CABONNE LEPs Nos. 2 TO 11 INCLUSIVE

SHEET 8 OF 16

PUBLISHED IN GOVERNMENT GAZETTE OF 16-8-1991

CERTIFIED IN ACCORDANCE WITH THE ENVIRONMENTAL PLANNING & ASSESSMENT ACT 1979, AND REGULATIONS

SHIRE CLERK 15-2-91 DATE



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DRAWN BY S. WILD	DATE 15 - 2 - 91
SHIRE PLANNER G. BARRY	DATE 20 - 3 - 91
FILE No. COUNCIL L 2 / 1 / 12	DEPT. S90 / 01218 / 001

ENVIRONMENTAL PLANNING & ASSESSMENT ACT, 1979

SHIRE OF CABONNE

LOCAL ENVIRONMENTAL PLAN 1991

STATEMENT OF RELATIONSHIP WITH OTHER PLANS

MAP DEFINING HERITAGE CONSERVATION AREAS RELATING TO CLAUSE 29 SHEET 15 OF 16

PUBLISHED IN GOVERNMENT GAZETTE OF 16 - 8 - 1991

CERTIFIED IN ACCORDANCE WITH THE ENVIRONMENTAL PLANNING & ASSESSMENT ACT 1979, AND REGULATIONS SHIRE CLERK 20 - 3 - 91 DATE


WEDDIN LOCAL ENVIRONMENTAL PLAN 2001
ZONE INDEX
RURAL RESIDENTIAL
SMALL FARM
RURAL RETREAT
TOWNSHIP
VILLAGE
NATIONAL PARKS AND NATURE RESERVES
1(a)
1(c)(iii)
1(c)(i)
1(c)(ii)
2(t)
SCALE

FIGURE 13 DSP AREA 2

Appendix B

CTW 2012 DSP Background Document for Water Supply

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
Blayney	Lake Rowlands	Reservoir	1.14	1930	Hill Street	$ 568,800	$0	$0	$0	$568,800
Blayney	Lake Rowlands	Reservoir	4.55	1966	Blayney WFP	$ 1,195,200	$0	$0	$0	$1,195,200
Blayney	Lake Rowlands	Reservoir	0.45	1974	Patricks Subdivision	$ 237,600	$237,600	$237,600	$0	$0
Blayney	Lake Rowlands	Reservoir	0.91	1958	Plumb Street	$ 568,800	$0	$0	$0	$568,800
Browns Creek	Lake Rowlands	Reservoir	0.23	1954	Booster No. 2	$ 105,120	$0	$0	$0	$105,120
Millthorpe	Lake Rowlands	Reservoir	1.36	1955		$ 568,800	$0	$0	$0	$568,800
Carcoar	Lake Rowlands	Reservoir	0.68	1954		$ 302,400	$0	$0	$0	$302,400
Carcoar	Lake Rowlands	Reservoir	2.16	1952	Carcoar WFP	$ 828,000	$0	$0	$0	$828,000
Mandurama	Lake Rowlands	Reservoir	0.91	1953	Mid Western H'way	$ 568,800	$0	$0	$0	$568,800
Lyndhurst	Lake Rowlands	Reservoir	0.68	1953		$ 302,400	$0	$0	$0	$302,400
Garland	Lake Rowlands	Reservoir	0.05	1954		$ 53,280	$0	$0	$0	$53,280
Bangaroo	Lake Rowlands	Reservoir	0.18	1968	Bangaroo #1	$ 105,120	$0	$0	$0	$105,120
Bangaroo	Lake Rowlands	Reservoir	0.18	1968	Bangaroo #2	$ 105,120	$0	$0	$0	$105,120
Bangaroo	Lake Rowlands	Reservoir	0.18	1968	Bangaroo #3	$ 105,120	$0	$0	$0	$105,120
Eugowra	Lake Rowlands	Reservoir	1.36	1953		$ 568,800	$0	$0	$0	$568,800
Eugowra	Lake Rowlands	Reservoir	0.05	1971	Hill Street, Eugowra	$ 53,280	$53,280	$53,280	$0	$0
Eugowra	Lake Rowlands	Reservoir	0.45	2002	Hill Street, Eugowra	$ 237,600	$237,600	$237,600	$0	$0
Eugowra	Lake Rowlands	Reservoir	0.09	1973	Eugowra Bore	$ 53,280	$53,280	$53,280	$0	$0
Trajere	Lake Rowlands	Reservoir	0.14	1967		$ 53,280	$0	$0	$0	$53,280
Pyes Gap	Lake Rowlands	Reservoir	0.14	1965		$ 53,280	$0	$0	$0	$53,280
Canowindra	Lake Rowlands	Reservoir	0.91	1933		$ 568,800	$0	$0	$0	$568,800
Canowindra	Lake Rowlands	Reservoir	0.18	1986	South Canowindra #1	$ 105,120	$105,120	$105,120	$0	$0
Canowindra	Lake Rowlands	Reservoir	0.18	1990	South Canowindra #2	$ 105,120	$105,120	$105,120	$0	$0
Canowindra	Lake Rowlands	Reservoir	0.09	1968	North Canowindra #1	$ 53,280	$0	$0	$0	$53,280
Canowindra	Lake Rowlands	Reservoir	0.09	1967	North Canowindra #2	$ 53,280	$0	$0	$0	$53,280
Moorbel	Lake Rowlands	Reservoir	1.14	1955		$ 568,800	$0	$0	$0	$568,800
Nyrang Creek	Lake Rowlands	Reservoir	0.136	1969	Nyrang Creek #1(Easte	$ 53,280	$0	$0	$0	$53,280
Nyrang Creek	Lake Rowlands	Reservoir	0.091	1969	Nyrang Creek #2 (South	$ 53,280	$0	$0	$0	$53,280
Nyrang Creek	Lake Rowlands	Reservoir	0.045	1969	Nyrang Creek #3 Northe	$ 53,280	$0	$0	$0	$53,280
Cargo	Lake Rowlands	Reservoir	0.68	1958		$ 302,400	$0	$0	$0	$302,400
Cudal	Lake Rowlands	Reservoir	0.23	1959		$ 105,120	$0	$0	$0	$105,120
Manildra	Lake Rowlands	Reservoir	0.45	1959		$ 237,600	$0	$0	$0	$237,600
Grays Hill	Lake Rowlands	Reservoir	2.27	1964		$ 828,000	$0	$0	$0	$828,000
Gooloogong	Lake Rowlands	Reservoir	0.18	1977	Gooloogong Bore	$ 105,120	$105,120	$105,120	$0	$0
Grenfell	Lake Rowlands	Reservoir	4.55	1959	Grenfell North	$ 1,195,200	$0	$0	$0	$1,195,200

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
Grenfell	Lake Rowlands	Reservoir	1.36	1930	Grenfell West	$ 568,800	$0	$0	$0	$568,800
Grenfell	Lake Rowlands	Reservoir	0.09	1970	Grenfell South	$ 53,280	$53,280	$53,280	$0	$0
Grenfell	Lake Rowlands	Reservoir	0.272	1965	Grenfell East #1	$ 105,120	$0	$0	$0	$105,120
Grenfell	Lake Rowlands	Reservoir	0.45	1991	Grenfell East #2	$ 237,600	$237,600	$237,600	$0	$0
Grenfell	Lake Rowlands	Reservoir	0.14	1981	McDonalds Lane	$ 53,280	$53,280	$53,280	$0	$0
Quandialla	Quandialla	Reservoir	0.045	2002	Town #1 (10,000 glns)	$ 25,000	$25,000	$0	$25,000	$0
Quandialla	Quandialla	Reservoir	0.045	2002	Town #2 (10,000 glns)	$ 25,000	$25,000	$0	$25,000	$0
Quandialla	Quandialla	Reservoir	0.045	2002	Town #3 (10,000 glns)	$ 25,000	$25,000	$0	$25,000	$0
Quandialla	Quandialla	Reservoir	0.045	2002	Town #4 (10,000 glns)	$ 25,000	$25,000	$0	$25,000	$0
Quandialla	Quandialla	Reservoir	0.02	2002	Town #5 (5,000 glns)	$ 12,500	$12,500	$0	$12,500	$0
Quandialla	Quandialla	Reservoir	0.02	2002	Bore (5,000 glns)	$ 12,500	$12,500	$0	$12,500	$0
Blayney	Lake Rowlands	Headworks		1993	Pump Station - Blayney	$ 63,360	$63,360	$63,360	$0	$0
Blayney	Lake Rowlands	Trunk System		2007	Pump Station - Booster	$ 115,200	$115,200	$115,200	$0	$0
Blayney	Lake Rowlands	Trunk System		1974	Pump Station	$ 95,040	$95,040	$95,040	$0	$0
Blayney	Lake Rowlands	Trunk System		2005	Pump Station	$ 95,040	$95,040	$95,040	$0	$0
Canowindra	Lake Rowlands	Trunk System		1957	Pump Station - Canomo	$ 158,400	$0	$0	$0	$158,400
Canowindra	Lake Rowlands	Trunk System		1969	Pump Station	$ 29,000	$0	$0	$0	$29,000
Canowindra	Lake Rowlands	Headworks		1994	Pump Station - Canowin	$ 25,000	$25,000	$25,000	$0	$0
Canowindra	Lake Rowlands	Trunk System		1933	Pump Station - Reservo	$ 46,000	$0	$0	$0	$46,000
Canowindra	Lake Rowlands	Trunk System		1997	Pump Station - North Ca	$ 63,360	$63,360	$63,360	$0	$0
Canowindra	Lake Rowlands	Trunk System		2003	Pump Station	$ 295,200	$295,200	$295,200	$0	$0
Carcoar	Lake Rowlands	Trunk System		2002	Pump Station - Booster	$ 115,200	$115,200	$115,200	$0	$0
Cargo	Lake Rowlands	Trunk System		2000	Pump Station	$ 63,360	$63,360	$63,360	$0	$0
Cudal	Lake Rowlands	Trunk System		2004	Pump Station - Town Re	$ 115,200	$115,200	$115,200	$0	$0
Cudal	Lake Rowlands	Trunk System		2004	Pump Station - TM'U'	$ 115,200	$115,200	$115,200	$0	$0
Cudal	Lake Rowlands	Trunk System		1962	Pump House	$ 1,000	$0	$0	$0	$1,000
Eugowra	Lake Rowlands	Headworks		1967	Pump Station - Bangaro	$ 158,400	$0	$0	$0	$158,400
Eugowra	Lake Rowlands	Trunk System		2002	Pump Station - Transfer	$ 63,360	$63,360	$63,360	$0	$0
Eugowra	Lake Rowlands	Trunk System		2001	Pump Station - Trunk M	$ 95,040	$95,040	$95,040	$0	$0
Eugowra	Lake Rowlands	Trunk System		1967	Pump Station	$ 63,360	$0	$0	$0	$63,360
Garland	Lake Rowlands	Trunk System		1960	Pump Station	$ 12,000	$0	$0	$0	$12,000
Gooloogong	Lake Rowlands	Headworks		1977	Pump Station - Bore Su	$ 295,200	$295,200	$295,200	$0	$0
Gooloogong	Lake Rowlands	Headworks		1946	Pump Station - River	$ 13,000	$0	$0	$0	$13,000
Grenfell	Lake Rowlands	Headworks		1960	Pump Station - Bogolon	$ 8,000	$0	$0	$0	$8,000
Grenfell	Lake Rowlands	Trunk System		1981	Pump Station	$ 295,200	$295,200	$295,200	$0	$0

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
Grenfell	Lake Rowlands	Trunk System		1965	Pump Station	$ 12,000	$0	$0	$0	$12,000
Grenfell	Lake Rowlands	Trunk System		1999	Pump Station	$ 63,360	$63,360	$63,360	$0	$0
Grenfell	Lake Rowlands	Trunk System		2000	Pump Station - North Tr	$ 95,040	$95,040	$95,040	$0	$0
Lyndhurst	Lake Rowlands	Trunk System		2003	Pump Station	$ 475,200	$475,200	$475,200	$0	$0
Mandurama	Lake Rowlands	Trunk System		1993	Pump Station	$ 63,360	$63,360	$63,360	$0	$0
Neville	Lake Rowlands	Trunk System		1997	Pump Station	$ 295,200	$295,200	$295,200	$0	$0
Quandialla	Quandialla	Headworks		2002	Pump Station - Surface	$ 95,040	$95,040	$0	$95,040	$0
Quandialla	Quandialla	Trunk System		2002	Pump Station - Town Re	$ 63,360	$63,360	$0	$63,360	$0
Quandialla	Quandialla	Trunk System		2009	Pump Station - Quandia	$ 4,063	$4,063	$0	$4,063	$0
Canowindra	Lake Rowlands	Trunk System		2010	Pump Station - Canomo	$ 12,201	$12,201	$12,201	$0	$0
Neville	Lake Rowlands	Trunk System		2010	Pump Station	$ 18,724	$18,724	$18,724	$0	$0
Cudal	Lake Rowlands	Headworks		1994	Cudal Bore	$ 10,000	$10,000	$10,000	$0	$0
Eugowra	Lake Rowlands	Headworks		1987	Bangaroo Bore	$ 53,280	$53,280	$53,280	$0	$0
Eugowra	Lake Rowlands	Headworks		1968	Bangaroo Bore	$ 53,280	$0	$0	$0	$53,280
Eugowra	Lake Rowlands	Headworks		1975	Eugowra Bore	$ 53,280	$53,280	$53,280	$0	$0
Gooloogong	Lake Rowlands	Headworks		1993	Gooloogong Bore No. 1	$ 53,280	$53,280	$53,280	$0	$0
Gooloogong	Lake Rowlands	Headworks		1987	Gooloogong Bore No. 2	$ 53,280	$53,280	$53,280	$0	$0
Quandialla	Quandialla	Headworks		2002	Quandialla Bore	$ 53,280	$53,280	$0	$53,280	$0
Quandialla	Quandialla	Headworks		2008	Quandialla Standby Bor	$ 53,280	$53,280	$0	$53,280	$0
Carcoar	Lake Rowlands	Headworks	4,500	1953	Lake Rowlands	$ 18,459,420	$0	$0	$0	$18,459,420
Grenfell	Lake Rowlands	Headworks	295	1930	Bogolong	$ 1,348,864	$0	$0	$0	$1,348,864
Blayney	Lake Rowlands	Water Treatment Pla	6	1966	Blayney Conventional W	$ 5,702,400	$0	$0	$0	$5,702,400
Carcoar	Lake Rowlands	Water Treatment Pla	9	2003	Carcoar DAFF	$ 4,778,040	$4,778,040	$4,778,040	$0	$0
Grenfell	Lake Rowlands	Water Treatment Pla	1.5	1970	Grenfell Mechanical	$ 500,000	$500,000	$500,000	$0	$0
Lake Rowlands	Lake Rowlands	Trunk System		1995	29 Installations telemetr	$ 295,582	$295,582	$295,582	$0	$0
Lake Rowlands	Lake Rowlands	Trunk System		1995	Office Base Station tele	$ 30,900	$30,900	$30,900	$0	$0
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 338	$0	$0	$0	$338
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 49,464	$0	$0	$0	$49,464
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 187	$0	$0	$0	$187
CARCOAR	Lake Rowlands	Trunk System	100	1955	TRUNK	$ 1,089	$0	$0	$0	$1,089
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 61,492	$0	$0	$0	$61,492
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 148	$0	$0	$0	$148
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 147	$0	$0	$0	$147
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 13,481	$0	$0	$0	$13,481

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 147	$0	$0	$0	$147
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 38,535	$0	$0	$0	$38,535
BLAYNEY	Lake Rowlands	Trunk System	375	1967	TRUNK	$ 8,197	$0	$0	$0	$8,197
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 23,681	$0	$0	$0	$23,681
WALLI	Lake Rowlands	Trunk System	150	1955	TRUNK	$ 107	$0	$0	$0	$107
QUANDIALLA	Quandialla	Trunk System	100	2004	TRUNK	$ 256	$256	$0	$256	$0
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 306	$0	$0	$0	$306
CARCOAR	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 37,153	$0	$0	$0	$37,153
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 1,686	$0	$0	$0	$1,686
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 4,836	$0	$0	$0	$4,836
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 224,832	$0	$0	$0	$224,832
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 168,594	$0	$0	$0	$168,594
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 1,482	$0	$0	$0	$1,482
BLAYNEY	Lake Rowlands	Trunk System	375	1967	TRUNK	$ 79,418	$0	$0	$0	$79,418
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 1,167	$0	$0	$0	$1,167
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 648	$0	$0	$0	$648
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 71,504	$0	$0	$0	$71,504
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 112,139	$0	$0	$0	$112,139
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 142,442	$0	$0	$0	$142,442
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 1,621	$0	$0	$0	$1,621
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 6,450	$0	$0	$0	$6,450
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 20,291	$0	$0	$0	$20,291
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 663	$0	$0	$0	$663
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 111,742	$0	$0	$0	$111,742
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 53,447	$0	$0	$0	$53,447
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 43,277	$0	$0	$0	$43,277
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 2,122	$0	$0	$0	$2,122
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 30,466	$0	$0	$0	$30,466
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 37,549	$0	$0	$0	$37,549
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 304	$0	$0	$0	$304
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 80,318	$0	$0	$0	$80,318
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 25,983	$0	$0	$0	$25,983
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 86,665	$0	$0	$0	$86,665

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 32,366	$0	$0	$0	$32,366
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 100,863	$0	$0	$0	$100,863
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 9,088	$0	$0	$0	$9,088
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 81,628	$0	$0	$0	$81,628
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 34,595	$0	$0	$0	$34,595
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 18,907	$0	$0	$0	$18,907
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 22,609	$0	$0	$0	$22,609
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 41,816	$0	$0	$0	$41,816
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 73,056	$0	$0	$0	$73,056
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 22,658	$0	$0	$0	$22,658
CANOWINDRA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 4,514	$0	$0	$0	$4,514
CANOWINDRA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 18,387	$0	$0	$0	$18,387
CANOWINDRA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 141,194	$0	$0	$0	$141,194
CANOWINDRA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 133,234	$0	$0	$0	$133,234
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 11,400	$0	$0	$0	$11,400
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 84,895	$0	$0	$0	$84,895
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 140,557	$0	$0	$0	$140,557
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 264,232	$0	$0	$0	$264,232
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 21,528	$0	$0	$0	$21,528
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 89,948	$0	$0	$0	$89,948
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 92,833	$0	$0	$0	$92,833
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 62,282	$0	$0	$0	$62,282
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 50,588	$0	$0	$0	$50,588
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 43,162	$0	$0	$0	$43,162
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 3,572	$0	$0	$0	$3,572
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 67,643	$0	$0	$0	$67,643
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 62,769	$0	$0	$0	$62,769
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 9,956	$0	$0	$0	$9,956
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 53,141	$0	$0	$0	$53,141
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 114	$0	$0	$0	$114
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 275,856	$0	$0	$0	$275,856
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 68,795	$0	$0	$0	$68,795
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 449	$0	$0	$0	$449

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 83	$0	$0	$0	$83
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 110,357	$0	$0	$0	$110,357
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 121	$0	$0	$0	$121
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 192,507	$0	$0	$0	$192,507
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 91,177	$0	$0	$0	$91,177
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 291,023	$0	$0	$0	$291,023
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 243,566	$0	$0	$0	$243,566
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 218,115	$0	$0	$0	$218,115
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 79,554	$0	$0	$0	$79,554
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 78,787	$0	$0	$0	$78,787
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 183,515	$0	$0	$0	$183,515
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 29,391	$0	$0	$0	$29,391
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 887	$0	$0	$0	$887
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 13,912	$0	$0	$0	$13,912
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 151,616	$0	$0	$0	$151,616
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 675	$0	$0	$0	$675
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 220,986	$0	$0	$0	$220,986
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 17,462	$0	$0	$0	$17,462
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 63,030	$0	$0	$0	$63,030
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 169,571	$0	$0	$0	$169,571
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 32,594	$0	$0	$0	$32,594
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 345,353	$0	$0	$0	$345,353
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 96,342	$0	$0	$0	$96,342
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 370,592	$0	$0	$0	$370,592
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 395	$0	$0	$0	$395
CUDAL	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 116,333	$0	$0	$0	$116,333
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 167,123	$0	$0	$0	$167,123
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 308,093	$0	$0	$0	$308,093
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 94,662	$0	$0	$0	$94,662
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 82,808	$0	$0	$0	$82,808
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 47,480	$0	$0	$0	$47,480
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 75,382	$0	$0	$0	$75,382
CUDAL	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 104,636	$0	$0	$0	$104,636

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
CUDAL	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 13,726	$0	$0	$0	$13,726
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 333	$0	$0	$0	$333
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 4,085	$0	$0	$0	$4,085
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 90,415	$0	$0	$0	$90,415
BLAYNEY	Lake Rowlands	Trunk System	150	1967	TRUNK	$ 1,233	$0	$0	$0	$1,233
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 387	$0	$0	$0	$387
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 101,308	$0	$0	$0	$101,308
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 41,376	$0	$0	$0	$41,376
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 118	$0	$0	$0	$118
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 22,700	$0	$0	$0	$22,700
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 83,345	$0	$0	$0	$83,345
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 77,140	$0	$0	$0	$77,140
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 74,309	$0	$0	$0	$74,309
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 7,854	$0	$0	$0	$7,854
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 7,184	$0	$0	$0	$7,184
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 53,201	$0	$0	$0	$53,201
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 70,548	$0	$0	$0	$70,548
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 57,096	$0	$0	$0	$57,096
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 3,888	$0	$0	$0	$3,888
CANOWINDRA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 56,422	$0	$0	$0	$56,422
CANOWINDRA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 108,012	$0	$0	$0	$108,012
CANOWINDRA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 60,454	$0	$0	$0	$60,454
CANOWINDRA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 81,332	$0	$0	$0	$81,332
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 10,359	$0	$0	$0	$10,359
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 55,826	$0	$0	$0	$55,826
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 6,369	$0	$0	$0	$6,369
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 20,475	$0	$0	$0	$20,475
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 22,843	$0	$0	$0	$22,843
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 34,723	$0	$0	$0	$34,723
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 48,406	$0	$0	$0	$48,406
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 53,776	$0	$0	$0	$53,776
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 27,337	$0	$0	$0	$27,337
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 15,567	$0	$0	$0	$15,567

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 40,872	$0	$0	$0	$40,872
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 42,244	$0	$0	$0	$42,244
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 69,009	$0	$0	$0	$69,009
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 65,280	$0	$0	$0	$65,280
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 33,071	$0	$0	$0	$33,071
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 26,939	$26,939	$26,939	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 197,136	$197,136	$197,136	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 116,083	$116,083	$116,083	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 67,292	$67,292	$67,292	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 148	$148	$148	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 134,915	$134,915	$134,915	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 116,030	$116,030	$116,030	$0	$0
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 142,813	$0	$0	$0	$142,813
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 5,348	$0	$0	$0	$5,348
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 1,072	$0	$0	$0	$1,072
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 152	$0	$0	$0	$152
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 78	$0	$0	$0	$78
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 61,325	$0	$0	$0	$61,325
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 13,835	$13,835	$13,835	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 129,511	$129,511	$129,511	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 40,200	$40,200	$40,200	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 2,957	$2,957	$2,957	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 87,289	$87,289	$87,289	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 117,577	$0	$0	$0	$117,577
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 212,855	$0	$0	$0	$212,855
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 21,896	$0	$0	$0	$21,896
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 33,272	$0	$0	$0	$33,272
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 43,494	$0	$0	$0	$43,494
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 36,305	$0	$0	$0	$36,305
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 59,774	$0	$0	$0	$59,774
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 31,333	$0	$0	$0	$31,333
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 90,785	$0	$0	$0	$90,785
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 59,638	$0	$0	$0	$59,638

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 1,436	$0	$0	$0	$1,436
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 18,841	$0	$0	$0	$18,841
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 62,245	$0	$0	$0	$62,245
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 89,413	$0	$0	$0	$89,413
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 4,921	$0	$0	$0	$4,921
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 20,208	$0	$0	$0	$20,208
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 172,605	$0	$0	$0	$172,605
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 282	$0	$0	$0	$282
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 125,041	$0	$0	$0	$125,041
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 98,720	$0	$0	$0	$98,720
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 21,036	$0	$0	$0	$21,036
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 76,843	$0	$0	$0	$76,843
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 79,007	$0	$0	$0	$79,007
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 47,728	$0	$0	$0	$47,728
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 15,077	$0	$0	$0	$15,077
LYNDHURST	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 111,390	$0	$0	$0	$111,390
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 140	$0	$0	$0	$140
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 9,686	$0	$0	$0	$9,686
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 32,979	$0	$0	$0	$32,979
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 83,428	$0	$0	$0	$83,428
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 1,116	$0	$0	$0	$1,116
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 7,285	$0	$0	$0	$7,285
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 63,093	$0	$0	$0	$63,093
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 48,395	$0	$0	$0	$48,395
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 11,969	$0	$0	$0	$11,969
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 72,064	$0	$0	$0	$72,064
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 46,523	$0	$0	$0	$46,523
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 59,418	$0	$0	$0	$59,418
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 35,433	$0	$0	$0	$35,433
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 49,865	$0	$0	$0	$49,865
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 46,979	$0	$0	$0	$46,979
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 60,479	$0	$0	$0	$60,479
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 37,847	$0	$0	$0	$37,847

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 24,254	$0	$0	$0	$24,254
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 67,915	$0	$0	$0	$67,915
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 36,383	$0	$0	$0	$36,383
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 60,639	$0	$0	$0	$60,639
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 24,255	$0	$0	$0	$24,255
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 26,681	$0	$0	$0	$26,681
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 106,530	$0	$0	$0	$106,530
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 56,039	$0	$0	$0	$56,039
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 36,425	$0	$0	$0	$36,425
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 1,780	$0	$0	$0	$1,780
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 64,140	$0	$0	$0	$64,140
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 91,251	$0	$0	$0	$91,251
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 16,312	$0	$0	$0	$16,312
WALLI	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 26,765	$0	$0	$0	$26,765
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 321	$0	$0	$0	$321
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 113,300	$0	$0	$0	$113,300
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 140,380	$0	$0	$0	$140,380
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 62,284	$0	$0	$0	$62,284
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 150,571	$0	$0	$0	$150,571
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 24,268	$0	$0	$0	$24,268
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 56,636	$0	$0	$0	$56,636
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 27,250	$0	$0	$0	$27,250
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 161	$0	$0	$0	$161
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 58,208	$0	$0	$0	$58,208
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 77,356	$0	$0	$0	$77,356
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 523	$0	$0	$0	$523
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 97,836	$0	$0	$0	$97,836
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 38,352	$0	$0	$0	$38,352
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 201	$0	$0	$0	$201
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 65,809	$0	$0	$0	$65,809
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 9,246	$0	$0	$0	$9,246
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 117,391	$0	$0	$0	$117,391
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 6,740	$6,740	$6,740	$0	$0

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 109,790	$109,790	$109,790	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 125,970	$125,970	$125,970	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 2,021	$2,021	$2,021	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 209,696	$209,696	$209,696	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 89,162	$89,162	$89,162	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 67,535	$67,535	$67,535	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 229,670	$229,670	$229,670	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 107,835	$107,835	$107,835	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 67,353	$67,353	$67,353	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 48,528	$48,528	$48,528	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 67,502	$67,502	$67,502	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 197,195	$197,195	$197,195	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 13,469	$13,469	$13,469	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 40,530	$40,530	$40,530	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 13,507	$13,507	$13,507	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 53,350	$53,350	$53,350	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 27,021	$27,021	$27,021	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 6,383	$6,383	$6,383	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 20,639	$20,639	$20,639	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 13,606	$13,606	$13,606	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 26,984	$26,984	$26,984	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 62,076	$62,076	$62,076	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 13,493	$13,493	$13,493	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 5,854	$5,854	$5,854	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 75,128	$75,128	$75,128	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 80,956	$80,956	$80,956	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 52,016	$0	$0	$0	$52,016
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 39,388	$0	$0	$0	$39,388
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 191,494	$0	$0	$0	$191,494
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 6,814	$0	$0	$0	$6,814
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 104,171	$0	$0	$0	$104,171
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 96,995	$0	$0	$0	$96,995
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 2,538	$0	$0	$0	$2,538

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 19,591	$0	$0	$0	$19,591
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 140,916	$0	$0	$0	$140,916
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 98,377	$98,377	$0	$98,377	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 98	$98	$0	$98	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 130,342	$130,342	$0	$130,342	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 98	$98	$0	$98	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 5,841	$5,841	$0	$5,841	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 60,375	$60,375	$0	$60,375	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 98	$98	$0	$98	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 98	$98	$0	$98	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 95,123	$95,123	$0	$95,123	$0
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 180	$0	$0	$0	$180
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97,349	$97,349	$0	$97,349	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 15,698	$15,698	$0	$15,698	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 67,398	$67,398	$0	$67,398	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 18,848	$18,848	$0	$18,848	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 98	$98	$0	$98	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 94,190	$94,190	$0	$94,190	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 15,052	$15,052	$0	$15,052	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 80,543	$80,543	$0	$80,543	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 38,947	$38,947	$0	$38,947	$0
BLAYNEY	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 42,456	$0	$0	$0	$42,456
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 398	$0	$0	$0	$398
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 184,617	$0	$0	$0	$184,617

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 399	$0	$0	$0	$399
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 213,646	$0	$0	$0	$213,646
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 669	$0	$0	$0	$669
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 2,662	$0	$0	$0	$2,662
BLAYNEY	Lake Rowlands	Trunk System	300	1954	TRUNK	$ 810	$0	$0	$0	$810
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 2,463	$0	$0	$0	$2,463
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 32,956	$0	$0	$0	$32,956
GRENFELL	Lake Rowlands	Trunk System	225	1930	TRUNK	$ 141	$0	$0	$0	$141
GRENFELL	Lake Rowlands	Trunk System	225	1930	TRUNK	$ 676,572	$0	$0	$0	$676,572
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 71,970	$0	$0	$0	$71,970
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 256,918	$0	$0	$0	$256,918
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 35,493	$0	$0	$0	$35,493
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 31,447	$0	$0	$0	$31,447
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 459	$0	$0	$0	$459
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 1,218	$0	$0	$0	$1,218
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 151	$0	$0	$0	$151
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 46,216	$0	$0	$0	$46,216
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 118,973	$0	$0	$0	$118,973
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 9,912	$0	$0	$0	$9,912
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 31,915	$0	$0	$0	$31,915
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 72,143	$0	$0	$0	$72,143
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 8,225	$0	$0	$0	$8,225
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 40,138	$0	$0	$0	$40,138
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 126,959	$0	$0	$0	$126,959
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 79,874	$0	$0	$0	$79,874
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 15,518	$0	$0	$0	$15,518
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 111,468	$0	$0	$0	$111,468
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 48,408	$0	$0	$0	$48,408
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 47,979	$0	$0	$0	$47,979
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 31,976	$0	$0	$0	$31,976
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 34,844	$0	$0	$0	$34,844
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 44,746	$0	$0	$0	$44,746
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 32,191	$0	$0	$0	$32,191

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 47,671	$0	$0	$0	$47,671
CARCOAR	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 79,532	$0	$0	$0	$79,532
CARCOAR	Lake Rowlands	Trunk System	150	1955	TRUNK	$ 15,306	$0	$0	$0	$15,306
CARCOAR	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 49,688	$0	$0	$0	$49,688
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 81	$0	$0	$0	$81
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 117	$0	$0	$0	$117
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 76	$0	$0	$0	$76
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 73	$0	$0	$0	$73
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 133	$0	$0	$0	$133
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 68	$0	$0	$0	$68
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 401	$0	$0	$0	$401
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 152	$0	$0	$0	$152
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 143	$0	$0	$0	$143
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 415	$0	$0	$0	$415
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 216	$0	$0	$0	$216
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 529	$0	$0	$0	$529
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 710	$0	$0	$0	$710
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 107	$0	$0	$0	$107
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 46,628	$0	$0	$0	$46,628
CARCOAR	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 86,468	$0	$0	$0	$86,468
BLAYNEY	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 57,643	$0	$0	$0	$57,643
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 398	$0	$0	$0	$398
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 181,917	$0	$0	$0	$181,917
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 11,872	$0	$0	$0	$11,872
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 47,917	$0	$0	$0	$47,917
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 109,310	$0	$0	$0	$109,310
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 131,494	$0	$0	$0	$131,494
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 97,244	$0	$0	$0	$97,244
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 203,579	$0	$0	$0	$203,579
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 24,368	$0	$0	$0	$24,368
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 109,544	$0	$0	$0	$109,544
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 60,428	$0	$0	$0	$60,428
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 212,174	$0	$0	$0	$212,174

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 42,261	$0	$0	$0	$42,261
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 194,747	$0	$0	$0	$194,747
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 65,074	$0	$0	$0	$65,074
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 19,942	$0	$0	$0	$19,942
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 121,346	$0	$0	$0	$121,346
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 97,130	$0	$0	$0	$97,130
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 160,594	$0	$0	$0	$160,594
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 33,197	$0	$0	$0	$33,197
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 399	$0	$0	$0	$399
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 356,617	$0	$0	$0	$356,617
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 48,575	$0	$0	$0	$48,575
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 217,739	$0	$0	$0	$217,739
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 12,137	$0	$0	$0	$12,137
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 240,560	$0	$0	$0	$240,560
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 664	$0	$0	$0	$664
GOOLOOGONG	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 109,219	$0	$0	$0	$109,219
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 36,360	$0	$0	$0	$36,360
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 219,183	$0	$0	$0	$219,183
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 398	$0	$0	$0	$398
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 397	$0	$0	$0	$397
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 253,478	$0	$0	$0	$253,478
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 9,759	$0	$0	$0	$9,759
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 19,810	$0	$0	$0	$19,810
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 33,018	$0	$0	$0	$33,018
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 1,669	$0	$0	$0	$1,669
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 229,784	$0	$0	$0	$229,784
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 2,257	$0	$0	$0	$2,257
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 9,914	$0	$0	$0	$9,914
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 79,782	$0	$0	$0	$79,782
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 19,948	$0	$0	$0	$19,948
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 69,501	$0	$0	$0	$69,501
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 117,556	$0	$0	$0	$117,556
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 139,466	$0	$0	$0	$139,466

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 32,612	$0	$0	$0	$32,612
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 6,523	$0	$0	$0	$6,523
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 97,926	$0	$0	$0	$97,926
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 48,965	$0	$0	$0	$48,965
BLAYNEY	Lake Rowlands	Trunk System	300	1954	TRUNK	$ 2,609	$0	$0	$0	$2,609
BLAYNEY	Lake Rowlands	Trunk System	150	1967	TRUNK	$ 451	$0	$0	$0	$451
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 460	$0	$0	$0	$460
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 87	$0	$0	$0	$87
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 1,058	$0	$0	$0	$1,058
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 93	$0	$0	$0	$93
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 13	$0	$0	$0	$13
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 44	$0	$0	$0	$44
CUDAL	Lake Rowlands	Trunk System	100	2004	TRUNK	$ 107	$107	$107	$0	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 98	$98	$0	$98	$0
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 75,933	$0	$0	$0	$75,933
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 58,292	$0	$0	$0	$58,292
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 87,710	$0	$0	$0	$87,710
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 82,840	$0	$0	$0	$82,840
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 63,339	$0	$0	$0	$63,339
LYNDHURST	Lake Rowlands	Trunk System	100	2006	TRUNK	$ 206	$206	$206	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 25,914	$25,914	$25,914	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 35,936	$35,936	$35,936	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 77,882	$0	$0	$0	$77,882
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 253,704	$0	$0	$0	$253,704
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 873	$0	$0	$0	$873
MANILDRA	Lake Rowlands	Trunk System	150	1959	TRUNK	$ 152	$0	$0	$0	$152
MANILDRA	Lake Rowlands	Trunk System	150	1959	TRUNK	$ 121	$0	$0	$0	$121
BLAYNEY	Lake Rowlands	Trunk System	300	1958	TRUNK	$ 1,560	$0	$0	$0	$1,560
BLAYNEY	Lake Rowlands	Trunk System	300	1956	TRUNK	$ 1,475	$0	$0	$0	$1,475
BLAYNEY	Lake Rowlands	Trunk System	300	1958	TRUNK	$ 338	$0	$0	$0	$338
BLAYNEY	Lake Rowlands	Trunk System	300	1958	TRUNK	$ 723	$0	$0	$0	$723
BLAYNEY	Lake Rowlands	Trunk System	300	1958	TRUNK	$ 348	$0	$0	$0	$348
BLAYNEY	Lake Rowlands	Trunk System	300	1958	TRUNK	$ 2,337	$0	$0	$0	$2,337

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
CARCOAR	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 12,223	$0	$0	$0	$12,223
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 7,917	$0	$0	$0	$7,917
MANILDRA	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 57,844	$0	$0	$0	$57,844
CARGO	Lake Rowlands	Trunk System	100	1958	TRUNK	$ 31,334	$0	$0	$0	$31,334
CARGO	Lake Rowlands	Trunk System	100	1958	TRUNK	$ 57,591	$0	$0	$0	$57,591
CARGO	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 112	$0	$0	$0	$112
CARGO	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 106	$0	$0	$0	$106
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 338	$0	$0	$0	$338
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 69,519	$0	$0	$0	$69,519
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 22,154	$0	$0	$0	$22,154
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 638	$0	$0	$0	$638
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 21,959	$0	$0	$0	$21,959
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 33,724	$0	$0	$0	$33,724
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 23,070	$0	$0	$0	$23,070
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 27,222	$0	$0	$0	$27,222
CARCOAR	Lake Rowlands	Trunk System	200	1954	TRUNK	$ 36,470	$0	$0	$0	$36,470
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 187	$0	$0	$0	$187
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 2,866	$0	$0	$0	$2,866
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 55,402	$0	$0	$0	$55,402
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 69,097	$0	$0	$0	$69,097
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 12,100	$0	$0	$0	$12,100
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 70,366	$0	$0	$0	$70,366
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 44,259	$0	$0	$0	$44,259
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 9,233	$0	$0	$0	$9,233
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 113,974	$0	$0	$0	$113,974
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 22,287	$0	$0	$0	$22,287
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 88,256	$0	$0	$0	$88,256
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 55,838	$0	$0	$0	$55,838
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 34,140	$0	$0	$0	$34,140
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 100,022	$0	$0	$0	$100,022
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 95,295	$0	$0	$0	$95,295
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 5,115	$0	$0	$0	$5,115
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 639	$0	$0	$0	$639

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 54,479	$0	$0	$0	$54,479
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 67,163	$0	$0	$0	$67,163
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 194,224	$0	$0	$0	$194,224
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 92,597	$0	$0	$0	$92,597
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 174,902	$0	$0	$0	$174,902
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 238,562	$0	$0	$0	$238,562
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 877	$0	$0	$0	$877
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 31,928	$0	$0	$0	$31,928
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 223,798	$0	$0	$0	$223,798
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 1,601	$0	$0	$0	$1,601
GOOLOOGONG	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 135,453	$0	$0	$0	$135,453
GOOLOOGONG	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 874	$0	$0	$0	$874
GOOLOOGONG	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 50,211	$0	$0	$0	$50,211
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 189,160	$0	$0	$0	$189,160
BLAYNEY	Lake Rowlands	Trunk System	300	1958	TRUNK	$ 353	$0	$0	$0	$353
BLAYNEY	Lake Rowlands	Trunk System	300	1958	TRUNK	$ 375	$0	$0	$0	$375
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 1,506	$0	$0	$0	$1,506
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 33,117	$0	$0	$0	$33,117
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 729	$0	$0	$0	$729
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 7,698	$0	$0	$0	$7,698
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 87,719	$0	$0	$0	$87,719
BLAYNEY	Lake Rowlands	Trunk System	375	1967	TRUNK	$ 43,492	$0	$0	$0	$43,492
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 121,686	$0	$0	$0	$121,686
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 53,540	$0	$0	$0	$53,540
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 39,998	$0	$0	$0	$39,998
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 157,321	$0	$0	$0	$157,321
CARGO	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 71	$0	$0	$0	$71
MANDURAMA	Lake Rowlands	Trunk System	100	1955	TRUNK	$ 16,381	$0	$0	$0	$16,381
MANDURAMA	Lake Rowlands	Trunk System	100	1955	TRUNK	$ 134,805	$0	$0	$0	$134,805
MANDURAMA	Lake Rowlands	Trunk System	100	1990	TRUNK	$ 22,143	$22,143	$22,143	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	100	1990	TRUNK	$ 44,629	$44,629	$44,629	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	100	1990	TRUNK	$ 1,516	$1,516	$1,516	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	100	1990	TRUNK	$ 2,050	$2,050	$2,050	$0	$0

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 26,725	$26,725	$0	$26,725	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 98	$98	$0	$98	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 584	$584	$0	$584	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 96,683	$96,683	$0	$96,683	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 196	$196	$0	$196	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 682	$682	$0	$682	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 96,587	$96,587	$0	$96,587	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 98	$98	$0	$98	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 98	$98	$0	$98	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 99,575	$99,575	$0	$99,575	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 94,768	$94,768	$0	$94,768	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97,169	$97,169	$0	$97,169	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97,149	$97,149	$0	$97,149	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 97	$97	$0	$97	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 95,965	$95,965	$0	$95,965	$0
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 938	$0	$0	$0	$938
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 52,440	$0	$0	$0	$52,440
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 15,396	$0	$0	$0	$15,396
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 1,072	$0	$0	$0	$1,072
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 17,979	$0	$0	$0	$17,979
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 6,018	$0	$0	$0	$6,018
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 32,039	$0	$0	$0	$32,039
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 49	$0	$0	$0	$49
GOOLOOGONG	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 196,240	$0	$0	$0	$196,240
GOOLOOGONG	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 121	$0	$0	$0	$121
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 1,039	$0	$0	$0	$1,039

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 7,951	$0	$0	$0	$7,951
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 94,743	$0	$0	$0	$94,743
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 178,205	$0	$0	$0	$178,205
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 87,284	$0	$0	$0	$87,284
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 148	$0	$0	$0	$148
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 282	$282	$282	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 736	$736	$736	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 119	$119	$119	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 20,017	$20,017	$20,017	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 1,118	$1,118	$1,118	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 4,460	$4,460	$4,460	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 766	$766	$766	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 2,641	$2,641	$2,641	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 384	$384	$384	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 8,295	$8,295	$8,295	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 3,944	$3,944	$3,944	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 4,518	$4,518	$4,518	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 11,210	$11,210	$11,210	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 7,215	$7,215	$7,215	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 526	$526	$526	$0	$0
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 29,754	$0	$0	$0	$29,754
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 52,065	$0	$0	$0	$52,065
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 57,491	$0	$0	$0	$57,491
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 40,106	$0	$0	$0	$40,106
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 31	$0	$0	$0	$31
GRENFELL	Lake Rowlands	Trunk System	225	1930	TRUNK	$ 11,033	$0	$0	$0	$11,033
MOORBEL	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 1,486	$1,486	$1,486	$0	$0
CARCOAR	Lake Rowlands	Trunk System	25	1974	TRUNK	$ 21,002	$21,002	$21,002	$0	$0
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 36,513	$0	$0	$0	$36,513
CARCOAR	Lake Rowlands	Trunk System	375	1954	TRUNK	$ 10,284	$0	$0	$0	$10,284
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 100,857	$0	$0	$0	$100,857
LYNDHURST	Lake Rowlands	Trunk System	100	1955	TRUNK	$ 3,050	$0	$0	$0	$3,050
LYNDHURST	Lake Rowlands	Trunk System	150	2007	TRUNK	$ 11,983	$11,983	$11,983	$0	$0

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
LYNDHURST	Lake Rowlands	Trunk System	100	2007	TRUNK	$ 54,601	$54,601	$54,601	$0	$0
LYNDHURST	Lake Rowlands	Trunk System	100	2007	TRUNK	$ 32,229	$32,229	$32,229	$0	$0
LYNDHURST	Lake Rowlands	Trunk System	100	2007	TRUNK	$ 32,396	$32,396	$32,396	$0	$0
LYNDHURST	Lake Rowlands	Trunk System	100	2007	TRUNK	$ 3,440	$3,440	$3,440	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	2003	TRUNK	$ 637	$637	$637	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	2003	TRUNK	$ 5,072	$5,072	$5,072	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	2003	TRUNK	$ 6,205	$6,205	$6,205	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	2003	TRUNK	$ 590	$590	$590	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 2,795	$2,795	$2,795	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 24,690	$24,690	$24,690	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 16,835	$16,835	$16,835	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 20,300	$20,300	$20,300	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 2,952	$2,952	$2,952	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 720	$720	$720	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 13,839	$13,839	$13,839	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 136,673	$136,673	$136,673	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 112,211	$112,211	$112,211	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 217,213	$217,213	$217,213	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 568	$568	$568	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 8,075	$8,075	$8,075	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 252,491	$252,491	$252,491	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 153,072	$153,072	$153,072	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 62,526	$62,526	$62,526	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 157	$157	$157	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 11,979	$11,979	$11,979	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 87,400	$87,400	$87,400	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 34,290	$34,290	$34,290	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 125,937	$125,937	$125,937	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 116,554	$116,554	$116,554	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 52,263	$52,263	$52,263	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 123,325	$123,325	$123,325	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 13,696	$13,696	$13,696	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 152,328	$152,328	$152,328	$0	$0

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 48,904	$48,904	$48,904	$0	$0
MANILDRA	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 11,500	$11,500	$11,500	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	2005	TRUNK	$ 72,202	$72,202	$72,202	$0	$0
GRENFELL	Lake Rowlands	Trunk System	200	2005	TRUNK	$ 144,863	$144,863	$144,863	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	2005	TRUNK	$ 84,154	$84,154	$84,154	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	2005	TRUNK	$ 61,454	$61,454	$61,454	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	2005	TRUNK	$ 36,366	$36,366	$36,366	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	2005	TRUNK	$ 141,921	$141,921	$141,921	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	2005	TRUNK	$ 6,908	$6,908	$6,908	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 94,798	$0	$0	$0	$94,798
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 1,191	$0	$0	$0	$1,191
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 41,808	$0	$0	$0	$41,808
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 1,299	$0	$0	$0	$1,299
BLAYNEY	Lake Rowlands	Trunk System	250	1966	TRUNK	$ 3,931	$0	$0	$0	$3,931
CARGO	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 5,041	$0	$0	$0	$5,041
CANOWINDRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 21,628	$21,628	$21,628	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	200	1978	TRUNK	$ 115,242	$115,242	$115,242	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	1987	TRUNK	$ 1,557	$1,557	$1,557	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	200	1998	TRUNK	$ 1,774	$1,774	$1,774	$0	$0
GRENFELL	Lake Rowlands	Trunk System	150	1986	TRUNK	$ 2,379	$2,379	$2,379	$0	$0
GRENFELL	Lake Rowlands	Trunk System	150	1986	TRUNK	$ 1,884	$1,884	$1,884	$0	$0
GRENFELL	Lake Rowlands	Trunk System	150	1986	TRUNK	$ 2,368	$2,368	$2,368	$0	$0
GRENFELL	Lake Rowlands	Trunk System	200	2000	TRUNK	$ 17,047	$17,047	$17,047	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	1950	TRUNK	$ 40,010	$0	$0	$0	$40,010
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 8,112	$0	$0	$0	$8,112
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 2,363	$0	$0	$0	$2,363
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 1,591	$0	$0	$0	$1,591
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 10,921	$0	$0	$0	$10,921
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 39,768	$0	$0	$0	$39,768
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 103,156	$0	$0	$0	$103,156
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 5,696	$0	$0	$0	$5,696
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 28,058	$0	$0	$0	$28,058
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 31,152	$0	$0	$0	$31,152

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
GRENFELL	Lake Rowlands	Trunk System	200	1946	TRUNK	$ 13,778	$0	$0	$0	$13,778
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 3,983	$3,983	$3,983	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 11,288	$11,288	$11,288	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 9,623	$9,623	$9,623	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 6,475	$6,475	$6,475	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 1,986	$1,986	$1,986	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 9,122	$9,122	$9,122	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 9,465	$9,465	$9,465	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 11,685	$11,685	$11,685	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 10,793	$10,793	$10,793	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 10,880	$10,880	$10,880	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 12,786	$12,786	$12,786	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 9,276	$9,276	$9,276	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 9,178	$9,178	$9,178	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 11,113	$11,113	$11,113	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 10,832	$10,832	$10,832	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 10,763	$10,763	$10,763	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 9,313	$9,313	$9,313	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 11,287	$11,287	$11,287	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 11,000	$11,000	$11,000	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 10,808	$10,808	$10,808	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 10,415	$10,415	$10,415	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 9,823	$9,823	$9,823	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 4,197	$4,197	$4,197	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 186	$186	$186	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 1,672	$1,672	$1,672	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 9,921	$9,921	$9,921	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 10,969	$10,969	$10,969	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 629	$629	$629	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 3,562	$3,562	$3,562	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 3,934	$3,934	$3,934	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 11,118	$11,118	$11,118	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 7,853	$7,853	$7,853	$0	$0

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 2,382	$2,382	$2,382	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 8,755	$8,755	$8,755	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 293	$293	$293	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 276	$276	$276	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 44,382	$44,382	$44,382	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 7,569	$7,569	$7,569	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 5,950	$5,950	$5,950	$0	$0
GRENFELL	Lake Rowlands	Trunk System	250	2002	TRUNK	$ 1,695	$1,695	$1,695	$0	$0
GRENFELL	Lake Rowlands	Trunk System	225	2008	TRUNK	$ 31,153	$31,153	$31,153	$0	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 238	$238	$0	$238	$0
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 37,571	$0	$0	$0	$37,571
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 8,818	$0	$0	$0	$8,818
CANOWINDRA	Lake Rowlands	Trunk System	200	1980	TRUNK	$ 222	$222	$222	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	200	1980	TRUNK	$ 234	$234	$234	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	200	1980	TRUNK	$ 223	$223	$223	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 54,854	$0	$0	$0	$54,854
CANOWINDRA	Lake Rowlands	Trunk System	200	1980	TRUNK	$ 229,428	$229,428	$229,428	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	200	1980	TRUNK	$ 5,573	$5,573	$5,573	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	200	1980	TRUNK	$ 283	$283	$283	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1995	TRUNK	$ 168,359	$168,359	$168,359	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1985	TRUNK	$ 188,506	$188,506	$188,506	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1985	TRUNK	$ 8,624	$8,624	$8,624	$0	$0
MOORBEL	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 29,613	$29,613	$29,613	$0	$0
MOORBEL	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 23,211	$23,211	$23,211	$0	$0
MOORBEL	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 26,505	$26,505	$26,505	$0	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 2,992	$2,992	$0	$2,992	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 954	$954	$0	$954	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 2,895	$2,895	$0	$2,895	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 1,650	$1,650	$0	$1,650	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 54,452	$54,452	$0	$54,452	$0
QUANDIALLA	Quandialla	Trunk System	100	2002	TRUNK	$ 1,408	$1,408	$0	$1,408	$0
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 142,623	$0	$0	$0	$142,623
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 49	$0	$0	$0	$49

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 174	$0	$0	$0	$174
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 55	$0	$0	$0	$55
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 342	$0	$0	$0	$342
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 38,851	$0	$0	$0	$38,851
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 67,338	$0	$0	$0	$67,338
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 6,135	$0	$0	$0	$6,135
MANDURAMA	Lake Rowlands	Trunk System	200	2003	TRUNK	$ 1,255	$1,255	$1,255	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	200	2003	TRUNK	$ 1,191	$1,191	$1,191	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	2003	TRUNK	$ 42,070	$42,070	$42,070	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	2003	TRUNK	$ 4,654	$4,654	$4,654	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	2003	TRUNK	$ 5,842	$5,842	$5,842	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	2003	TRUNK	$ 33,439	$33,439	$33,439	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	200	2003	TRUNK	$ 31,330	$31,330	$31,330	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	200	2003	TRUNK	$ 31,394	$31,394	$31,394	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 25,393	$0	$0	$0	$25,393
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 3,813	$0	$0	$0	$3,813
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 1,074	$0	$0	$0	$1,074
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 1,163	$0	$0	$0	$1,163
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 1,065	$0	$0	$0	$1,065
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 107,606	$0	$0	$0	$107,606
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 1,003	$0	$0	$0	$1,003
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 477	$0	$0	$0	$477
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 508	$0	$0	$0	$508
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 1,165	$0	$0	$0	$1,165
BLAYNEY	Lake Rowlands	Trunk System	150	2007	TRUNK	$ 1,740	$1,740	$1,740	$0	$0
BLAYNEY	Lake Rowlands	Trunk System	150	2007	TRUNK	$ 1,749	$1,749	$1,749	$0	$0
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 3,898	$0	$0	$0	$3,898
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 4,059	$0	$0	$0	$4,059
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 273	$0	$0	$0	$273
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 344	$0	$0	$0	$344
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 570	$0	$0	$0	$570
CARCOAR	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 714	$714	$714	$0	$0
CARCOAR	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 942	$942	$942	$0	$0

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 14,715	$14,715	$14,715	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 908	$908	$908	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 983	$983	$983	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 37,290	$37,290	$37,290	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 8,116	$8,116	$8,116	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1998	TRUNK	$ 2,835	$2,835	$2,835	$0	$0
EUGOWRA	Lake Rowlands	Trunk System	150	1998	TRUNK	$ 2,889	$2,889	$2,889	$0	$0
BLAYNEY	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 19,832	$19,832	$19,832	$0	$0
BLAYNEY	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 13,725	$13,725	$13,725	$0	$0
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 47,415	$0	$0	$0	$47,415
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 14,438	$0	$0	$0	$14,438
BLAYNEY	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 46,390	$0	$0	$0	$46,390
GOOLOOGONG	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 108	$108	$108	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 417	$417	$417	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 125	$125	$125	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	150	1980	TRUNK	$ 17,823	$17,823	$17,823	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 1,409	$0	$0	$0	$1,409
GOOLOOGONG	Lake Rowlands	Trunk System	250	2007	TRUNK	$ 358	$358	$358	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	250	2007	TRUNK	$ 359	$359	$359	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	250	2007	TRUNK	$ 18,139	$18,139	$18,139	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 1,043	$0	$0	$0	$1,043
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 1,450	$0	$0	$0	$1,450
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 77,747	$0	$0	$0	$77,747
GOOLOOGONG	Lake Rowlands	Trunk System	250	1946	TRUNK	$ 222,158	$0	$0	$0	$222,158
GOOLOOGONG	Lake Rowlands	Trunk System	200	1977	TRUNK	$ 5,095	$5,095	$5,095	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	100	1977	TRUNK	$ 2,838	$2,838	$2,838	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	100	1977	TRUNK	$ 154	$154	$154	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	150	1977	TRUNK	$ 1,263	$1,263	$1,263	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	150	1977	TRUNK	$ 6,169	$6,169	$6,169	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	150	1977	TRUNK	$ 337	$337	$337	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	150	1977	TRUNK	$ 2,276	$2,276	$2,276	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	150	1977	TRUNK	$ 1,366	$1,366	$1,366	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	150	1977	TRUNK	$ 230	$230	$230	$0	$0

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 327	$0	$0	$0	$327
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 1,340	$0	$0	$0	$1,340
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 59,383	$0	$0	$0	$59,383
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 209,640	$0	$0	$0	$209,640
CANOWINDRA	Lake Rowlands	Trunk System	324	1995	TRUNK	$ 45,029	$45,029	$45,029	$0	$0
GOOLOOGONG	Lake Rowlands	Trunk System	100	1955	TRUNK	$ 22	$0	$0	$0	$22
GOOLOOGONG	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 82,723	$0	$0	$0	$82,723
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 78,298	$0	$0	$0	$78,298
CANOWINDRA	Lake Rowlands	Trunk System	324	1995	TRUNK	$ 87,194	$87,194	$87,194	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	324	1995	TRUNK	$ 19,649	$19,649	$19,649	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 173,265	$0	$0	$0	$173,265
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 583	$0	$0	$0	$583
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 873	$0	$0	$0	$873
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 59,497	$0	$0	$0	$59,497
MANDURAMA	Lake Rowlands	Trunk System	300	1995	TRUNK	$ 209,484	$209,484	$209,484	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 43,379	$0	$0	$0	$43,379
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 40,095	$0	$0	$0	$40,095
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 193,334	$0	$0	$0	$193,334
MANDURAMA	Lake Rowlands	Trunk System	250	1955	TRUNK	$ 18,412	$0	$0	$0	$18,412
MANDURAMA	Lake Rowlands	Trunk System	100	1955	TRUNK	$ 163	$0	$0	$0	$163
MANDURAMA	Lake Rowlands	Trunk System	100	1990	TRUNK	$ 165	$165	$165	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	100	1990	TRUNK	$ 55	$55	$55	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	100	1990	TRUNK	$ 47,240	$47,240	$47,240	$0	$0
MANDURAMA	Lake Rowlands	Trunk System	100	1990	TRUNK	$ 60,707	$60,707	$60,707	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 123,508	$0	$0	$0	$123,508
CUDAL	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 36	$0	$0	$0	$36
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 44	$44	$44	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 43	$43	$43	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 503	$503	$503	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 738	$738	$738	$0	$0
CUDAL	Lake Rowlands	Trunk System	100	2004	TRUNK	$ 247	$247	$247	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 6,003	$6,003	$6,003	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 550	$550	$550	$0	$0

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Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 606	$606	$606	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 35	$35	$35	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 41	$41	$41	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 922	$922	$922	$0	$0
CUDAL	Lake Rowlands	Trunk System	150	2004	TRUNK	$ 997	$997	$997	$0	$0
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 3,363	$0	$0	$0	$3,363
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 182	$0	$0	$0	$182
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 122	$0	$0	$0	$122
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 251	$0	$0	$0	$251
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 29	$0	$0	$0	$29
CANOWINDRA	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 67	$0	$0	$0	$67
CANOWINDRA	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 117,727	$117,727	$117,727	$0	$0
MOORBEL	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 2,252	$2,252	$2,252	$0	$0
MOORBEL	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 111,329	$111,329	$111,329	$0	$0
MOORBEL	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 37,917	$37,917	$37,917	$0	$0
MOORBEL	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 95,172	$95,172	$95,172	$0	$0
MOORBEL	Lake Rowlands	Trunk System	200	1990	TRUNK	$ 90,268	$90,268	$90,268	$0	$0
CANOWINDRA	Lake Rowlands	Trunk System	150	1957	TRUNK	$ 6,037	$0	$0	$0	$6,037
CANOWINDRA	Lake Rowlands	Trunk System	150	1990	TRUNK	$ 157,303	$157,303	$157,303	$0	$0
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 48,545	$0	$0	$0	$48,545
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 212,727	$0	$0	$0	$212,727
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 5,011	$0	$0	$0	$5,011
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 68,121	$0	$0	$0	$68,121
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 36,408	$0	$0	$0	$36,408
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 168,599	$0	$0	$0	$168,599
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 7,727	$0	$0	$0	$7,727
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 214,763	$0	$0	$0	$214,763
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 5,551	$0	$0	$0	$5,551
MILLTHORPE	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 157,210	$0	$0	$0	$157,210
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 314	$0	$0	$0	$314
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 330	$0	$0	$0	$330
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 145,689	$0	$0	$0	$145,689
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 20,735	$0	$0	$0	$20,735

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 23,966	$0	$0	$0	$23,966
CARCOAR	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 49,283	$0	$0	$0	$49,283
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 137,702	$0	$0	$0	$137,702
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 29,029	$0	$0	$0	$29,029
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 6,267	$0	$0	$0	$6,267
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 3,396	$0	$0	$0	$3,396
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 135	$0	$0	$0	$135
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 74	$0	$0	$0	$74
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 38,226	$0	$0	$0	$38,226
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 84	$0	$0	$0	$84
CUDAL	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 4,347	$0	$0	$0	$4,347
CARGO	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 32,073	$0	$0	$0	$32,073
CARGO	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 6,680	$0	$0	$0	$6,680
CARGO	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 6,081	$0	$0	$0	$6,081
CARGO	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 2,095	$0	$0	$0	$2,095
CARGO	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 1,918	$0	$0	$0	$1,918
CARGO	Lake Rowlands	Trunk System	100	1957	TRUNK	$ 77,230	$0	$0	$0	$77,230
GOOLOOGONG	Lake Rowlands	Trunk System	200	2005	TRUNK	$ 48,580	$48,580	$48,580	$0	$0
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 18,607	$0	$0	$0	$18,607
CARCOAR	Lake Rowlands	Trunk System	375	2002	TRUNK	$ 17,348	$17,348	$17,348	$0	$0
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 3,452	$0	$0	$0	$3,452
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 21,505	$0	$0	$0	$21,505
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 700	$0	$0	$0	$700
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 648	$0	$0	$0	$648
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 1,426	$0	$0	$0	$1,426
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 85,473	$0	$0	$0	$85,473
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 15,151	$0	$0	$0	$15,151
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 18,094	$0	$0	$0	$18,094
BLAYNEY	Lake Rowlands	Trunk System	375	1996	TRUNK	$ 168,773	$168,773	$168,773	$0	$0
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 23,613	$0	$0	$0	$23,613
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 94,100	$0	$0	$0	$94,100
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 111,367	$0	$0	$0	$111,367
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 18,005	$0	$0	$0	$18,005

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 67,787	$0	$0	$0	$67,787
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 10,421	$0	$0	$0	$10,421
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 62,622	$0	$0	$0	$62,622
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 111,691	$0	$0	$0	$111,691
NEVILLE	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 161,066	$0	$0	$0	$161,066
NEVILLE	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 58,520	$0	$0	$0	$58,520
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 35,707	$0	$0	$0	$35,707
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 27,000	$0	$0	$0	$27,000
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 23,443	$0	$0	$0	$23,443
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 42,747	$0	$0	$0	$42,747
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 65,538	$0	$0	$0	$65,538
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 25,990	$0	$0	$0	$25,990
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 10,727	$0	$0	$0	$10,727
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 49,110	$0	$0	$0	$49,110
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 47,914	$0	$0	$0	$47,914
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 52,794	$0	$0	$0	$52,794
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 18,969	$0	$0	$0	$18,969
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 80,853	$0	$0	$0	$80,853
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 6,050	$0	$0	$0	$6,050
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 12,680	$0	$0	$0	$12,680
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 36,929	$0	$0	$0	$36,929
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 40,494	$0	$0	$0	$40,494
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 42,999	$0	$0	$0	$42,999
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 68,743	$0	$0	$0	$68,743
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 13,163	$0	$0	$0	$13,163
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 46,549	$0	$0	$0	$46,549
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 38,989	$0	$0	$0	$38,989
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 40,257	$0	$0	$0	$40,257
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 54,926	$0	$0	$0	$54,926
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 56,016	$0	$0	$0	$56,016
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 67,753	$0	$0	$0	$67,753
CARCOAR	Lake Rowlands	Trunk System	375	1955	TRUNK	$ 69,734	$0	$0	$0	$69,734
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 69,819	$0	$0	$0	$69,819

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
CARCOAR	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 110,150	$0	$0	$0	$110,150
CARCOAR	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 79,600	$0	$0	$0	$79,600
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 41,322	$0	$0	$0	$41,322
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 12,894	$0	$0	$0	$12,894
CARCOAR	Lake Rowlands	Trunk System	200	1955	TRUNK	$ 767	$0	$0	$0	$767
BLAYNEY	Lake Rowlands	Trunk System	300	1966	TRUNK	$ 43,351	$0	$0	$0	$43,351
BLAYNEY	Lake Rowlands	Trunk System	375	1966	TRUNK	$ 6,916	$0	$0	$0	$6,916
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 51,735	$0	$0	$0	$51,735
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 731	$0	$0	$0	$731
BLAYNEY	Lake Rowlands	Trunk System	150	1954	TRUNK	$ 2,512	$0	$0	$0	$2,512
MANDURAMA	Lake Rowlands	Trunk System	100	1953	TRUNK	$ 108	$0	$0	$0	$108
MANDURAMA	Lake Rowlands	Trunk System	100	1953	TRUNK	$ 5,907	$0	$0	$0	$5,907
MANDURAMA	Lake Rowlands	Trunk System	100	1953	TRUNK	$ 93	$0	$0	$0	$93
MANDURAMA	Lake Rowlands	Trunk System	100	1953	TRUNK	$ 112	$0	$0	$0	$112
MANDURAMA	Lake Rowlands	Trunk System	100	1953	TRUNK	$ 606	$0	$0	$0	$606
MANDURAMA	Lake Rowlands	Trunk System	100	1953	TRUNK	$ 154	$0	$0	$0	$154
MANDURAMA	Lake Rowlands	Trunk System	100	1953	TRUNK	$ 1,323	$0	$0	$0	$1,323
MANDURAMA	Lake Rowlands	Trunk System	50	1995	TRUNK	$ 446	$446	$446	$0	$0
LYNDHURST	Lake Rowlands	Trunk System	100	2007	TRUNK	$ 95,670	$95,670	$95,670	$0	$0
LYNDHURST	Lake Rowlands	Trunk System	100	2007	TRUNK	$ 94	$94	$94	$0	$0
LYNDHURST	Lake Rowlands	Trunk System	100	2007	TRUNK	$ 74	$74	$74	$0	$0
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 2,988	$0	$0	$0	$2,988
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 2,531	$0	$0	$0	$2,531
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 42,883	$0	$0	$0	$42,883
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 68,455	$0	$0	$0	$68,455
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 5,520	$0	$0	$0	$5,520
MANDURAMA	Lake Rowlands	Trunk System	100	1955	TRUNK	$ 2,985	$0	$0	$0	$2,985
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 819	$0	$0	$0	$819
LYNDHURST	Lake Rowlands	Trunk System	100	2007	TRUNK	$ 95,865	$95,865	$95,865	$0	$0
BLAYNEY	Lake Rowlands	Trunk System	300	1967	TRUNK	$ 48,398	$0	$0	$0	$48,398
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 54,092	$0	$0	$0	$54,092
MANDURAMA	Lake Rowlands	Trunk System	225	1955	TRUNK	$ 20,069	$0	$0	$0	$20,069
CARCOAR	Lake Rowlands	Trunk System	375	2010	TRUNK	$ 304	$304	$304	$0	$0

Central Tablelands Water

Table 1: CTW Existing Water Supply Assets

Location	DSP Area Served	AssetType	Size or Capacity	Year of Commissioning	Notes / Description	CurrentReplacement Cost 2011$	Assets excluding pre 1970	Lake Rowlands	Quandialla	assets excluded
CARCOAR	Lake Rowlands	Trunk System	375	2010	TRUNK	$ 14,263	$14,263	$14,263	$0	$0
					Total	**$ 90,312,114**	**$ 20,482,748**	**$ 18,497,181**	**$ 1,985,567**	**$ 69,829,366**

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
Blayney	$0	$0	$0	$0	$0	$0	$0	$0
Blayney	$0	$0	$0	$0	$0	$0	$0	$0
Blayney	$0	$0	$237,600	$0	$0	$0	$0	$0
Blayney	$0	$0	$0	$0	$0	$0	$0	$0
Browns Creek	$0	$0	$0	$0	$0	$0	$0	$0
Millthorpe	$0	$0	$0	$0	$0	$0	$0	$0
Carcoar	$0	$0	$0	$0	$0	$0	$0	$0
Carcoar	$0	$0	$0	$0	$0	$0	$0	$0
Mandurama	$0	$0	$0	$0	$0	$0	$0	$0
Lyndhurst	$0	$0	$0	$0	$0	$0	$0	$0
Garland	$0	$0	$0	$0	$0	$0	$0	$0
Bangaroo	$0	$0	$0	$0	$0	$0	$0	$0
Bangaroo	$0	$0	$0	$0	$0	$0	$0	$0
Bangaroo	$0	$0	$0	$0	$0	$0	$0	$0
Eugowra	$0	$0	$0	$0	$0	$0	$0	$0
Eugowra	$0	$0	$53,280	$0	$0	$0	$0	$0
Eugowra	$0	$0	$237,600	$0	$0	$0	$0	$0
Eugowra	$0	$0	$53,280	$0	$0	$0	$0	$0
Trajere	$0	$0	$0	$0	$0	$0	$0	$0
Pyes Gap	$0	$0	$0	$0	$0	$0	$0	$0
Canowindra	$0	$0	$0	$0	$0	$0	$0	$0
Canowindra	$0	$0	$105,120	$0	$0	$0	$0	$0
Canowindra	$0	$0	$105,120	$0	$0	$0	$0	$0
Canowindra	$0	$0	$0	$0	$0	$0	$0	$0
Canowindra	$0	$0	$0	$0	$0	$0	$0	$0
Moorbel	$0	$0	$0	$0	$0	$0	$0	$0
Nyrang Creek	$0	$0	$0	$0	$0	$0	$0	$0
Nyrang Creek	$0	$0	$0	$0	$0	$0	$0	$0
Nyrang Creek	$0	$0	$0	$0	$0	$0	$0	$0
Cargo	$0	$0	$0	$0	$0	$0	$0	$0
Cudal	$0	$0	$0	$0	$0	$0	$0	$0
Manildra	$0	$0	$0	$0	$0	$0	$0	$0
Grays Hill	$0	$0	$0	$0	$0	$0	$0	$0
Gooloogong	$0	$0	$105,120	$0	$0	$0	$0	$0
Grenfell	$0	$0	$0	$0	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
Grenfell	$0	$0	$0	$0	$0	$0	$0	$0
Grenfell	$0	$0	$53,280	$0	$0	$0	$0	$0
Grenfell	$0	$0	$0	$0	$0	$0	$0	$0
Grenfell	$0	$0	$237,600	$0	$0	$0	$0	$0
Grenfell	$0	$0	$53,280	$0	$0	$0	$0	$0
Quandialla	$0	$0	$0	$0	$0	$0	$25,000	$0
Quandialla	$0	$0	$0	$0	$0	$0	$25,000	$0
Quandialla	$0	$0	$0	$0	$0	$0	$25,000	$0
Quandialla	$0	$0	$0	$0	$0	$0	$25,000	$0
Quandialla	$0	$0	$0	$0	$0	$0	$12,500	$0
Quandialla	$0	$0	$0	$0	$0	$0	$12,500	$0
Blayney	$63,360	$0	$0	$0	$0	$0	$0	$0
Blayney	$0	$0	$0	$115,200	$0	$0	$0	$0
Blayney	$0	$0	$0	$95,040	$0	$0	$0	$0
Blayney	$0	$0	$0	$95,040	$0	$0	$0	$0
Canowindra	$0	$0	$0	$0	$0	$0	$0	$0
Canowindra	$0	$0	$0	$0	$0	$0	$0	$0
Canowindra	$25,000	$0	$0	$0	$0	$0	$0	$0
Canowindra	$0	$0	$0	$0	$0	$0	$0	$0
Canowindra	$0	$0	$0	$63,360	$0	$0	$0	$0
Canowindra	$0	$0	$0	$295,200	$0	$0	$0	$0
Carcoar	$0	$0	$0	$115,200	$0	$0	$0	$0
Cargo	$0	$0	$0	$63,360	$0	$0	$0	$0
Cudal	$0	$0	$0	$115,200	$0	$0	$0	$0
Cudal	$0	$0	$0	$115,200	$0	$0	$0	$0
Cudal	$0	$0	$0	$0	$0	$0	$0	$0
Eugowra	$0	$0	$0	$0	$0	$0	$0	$0
Eugowra	$0	$0	$0	$63,360	$0	$0	$0	$0
Eugowra	$0	$0	$0	$95,040	$0	$0	$0	$0
Eugowra	$0	$0	$0	$0	$0	$0	$0	$0
Garland	$0	$0	$0	$0	$0	$0	$0	$0
Gooloogong	$295,200	$0	$0	$0	$0	$0	$0	$0
Gooloogong	$0	$0	$0	$0	$0	$0	$0	$0
Grenfell	$0	$0	$0	$0	$0	$0	$0	$0
Grenfell	$0	$0	$0	$295,200	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
Grenfell	$0	$0	$0	$0	$0	$0	$0	$0
Grenfell	$0	$0	$0	$63,360	$0	$0	$0	$0
Grenfell	$0	$0	$0	$95,040	$0	$0	$0	$0
Lyndhurst	$0	$0	$0	$475,200	$0	$0	$0	$0
Mandurama	$0	$0	$0	$63,360	$0	$0	$0	$0
Neville	$0	$0	$0	$295,200	$0	$0	$0	$0
Quandialla	$0	$0	$0	$0	$95,040	$0	$0	$0
Quandialla	$0	$0	$0	$0	$0	$0	$0	$63,360
Quandialla	$0	$0	$0	$0	$0	$0	$0	$4,063
Canowindra	$0	$0	$0	$12,201	$0	$0	$0	$0
Neville	$0	$0	$0	$18,724	$0	$0	$0	$0
Cudal	$10,000	$0	$0	$0	$0	$0	$0	$0
Eugowra	$53,280	$0	$0	$0	$0	$0	$0	$0
Eugowra	$0	$0	$0	$0	$0	$0	$0	$0
Eugowra	$53,280	$0	$0	$0	$0	$0	$0	$0
Gooloogong	$53,280	$0	$0	$0	$0	$0	$0	$0
Gooloogong	$53,280	$0	$0	$0	$0	$0	$0	$0
Quandialla	$0	$0	$0	$0	$53,280	$0	$0	$0
Quandialla	$0	$0	$0	$0	$53,280	$0	$0	$0
Carcoar	$0	$0	$0	$0	$0	$0	$0	$0
Grenfell	$0	$0	$0	$0	$0	$0	$0	$0
Blayney	$0	$0	$0	$0	$0	$0	$0	$0
Carcoar	$0	$4,778,040	$0	$0	$0	$0	$0	$0
Grenfell	$0	$500,000	$0	$0	$0	$0	$0	$0
Lake Rowlands	$0	$0	$0	$295,582	$0	$0	$0	$0
Lake Rowlands	$0	$0	$0	$30,900	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$256
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$26,939	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$197,136	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$116,083	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$67,292	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$148	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$134,915	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$116,030	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$13,835	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$129,511	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$40,200	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$2,957	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$87,289	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
WALLI	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$6,740	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
EUGOWRA	$0	$0	$0	$109,790	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$125,970	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$2,021	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$209,696	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$89,162	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$67,535	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$229,670	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$107,835	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$67,353	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$48,528	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$67,502	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$197,195	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$13,469	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$40,530	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$13,507	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$53,350	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$27,021	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$6,383	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$20,639	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$13,606	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$26,984	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$62,076	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$13,493	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$5,854	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$75,128	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$80,956	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$98,377
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$98
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$130,342
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$98
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$5,841
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$60,375
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$98
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$98
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$95,123
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97,349
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$15,698
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$67,398
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$18,848
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$98
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$94,190
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$15,052
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$80,543
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$38,947
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$107	$0	$0	$0	$0
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$98
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$206	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$25,914	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$35,936	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$22,143	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$44,629	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$1,516	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$2,050	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$26,725
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$98
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$584
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$96,683
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$196
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$682
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$96,587
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$98
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$98
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$99,575
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$94,768
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97,169
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97,149
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$97
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$95,965
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$282	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$736	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$119	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$20,017	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$1,118	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$4,460	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$766	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$2,641	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$384	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$8,295	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$3,944	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$4,518	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$11,210	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$7,215	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$526	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
MOORBEL	$0	$0	$0	$1,486	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$21,002	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$0	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$11,983	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
LYNDHURST	$0	$0	$0	$54,601	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$32,229	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$32,396	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$3,440	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$637	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$5,072	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$6,205	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$590	$0	$0	$0	$0
CUDAL	$0	$0	$0	$2,795	$0	$0	$0	$0
CUDAL	$0	$0	$0	$24,690	$0	$0	$0	$0
CUDAL	$0	$0	$0	$16,835	$0	$0	$0	$0
CUDAL	$0	$0	$0	$20,300	$0	$0	$0	$0
CUDAL	$0	$0	$0	$2,952	$0	$0	$0	$0
CUDAL	$0	$0	$0	$720	$0	$0	$0	$0
CUDAL	$0	$0	$0	$13,839	$0	$0	$0	$0
CUDAL	$0	$0	$0	$136,673	$0	$0	$0	$0
CUDAL	$0	$0	$0	$112,211	$0	$0	$0	$0
CUDAL	$0	$0	$0	$217,213	$0	$0	$0	$0
CUDAL	$0	$0	$0	$568	$0	$0	$0	$0
CUDAL	$0	$0	$0	$8,075	$0	$0	$0	$0
CUDAL	$0	$0	$0	$252,491	$0	$0	$0	$0
CUDAL	$0	$0	$0	$153,072	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$62,526	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$157	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$11,979	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$87,400	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$34,290	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$125,937	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$116,554	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$52,263	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$123,325	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$13,696	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$152,328	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
MANILDRA	$0	$0	$0	$48,904	$0	$0	$0	$0
MANILDRA	$0	$0	$0	$11,500	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$72,202	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$144,863	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$84,154	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$61,454	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$36,366	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$141,921	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$6,908	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$21,628	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$115,242	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$1,557	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$1,774	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$2,379	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$1,884	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$2,368	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$17,047	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
GRENFELL	$0	$0	$0	$0	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$3,983	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$11,288	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$9,623	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$6,475	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$1,986	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$9,122	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$9,465	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$11,685	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$10,793	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$10,880	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$12,786	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$9,276	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$9,178	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$11,113	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$10,832	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$10,763	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$9,313	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$11,287	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$11,000	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$10,808	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$10,415	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$9,823	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$4,197	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$186	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$1,672	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$9,921	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$10,969	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$629	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$3,562	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$3,934	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$11,118	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$7,853	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
GRENFELL	$0	$0	$0	$2,382	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$8,755	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$293	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$276	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$44,382	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$7,569	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$5,950	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$1,695	$0	$0	$0	$0
GRENFELL	$0	$0	$0	$31,153	$0	$0	$0	$0
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$238
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$222	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$234	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$223	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$229,428	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$5,573	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$283	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$168,359	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$188,506	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$8,624	$0	$0	$0	$0
MOORBEL	$0	$0	$0	$29,613	$0	$0	$0	$0
MOORBEL	$0	$0	$0	$23,211	$0	$0	$0	$0
MOORBEL	$0	$0	$0	$26,505	$0	$0	$0	$0
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$2,992
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$954
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$2,895
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$1,650
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$54,452
QUANDIALLA	$0	$0	$0	$0	$0	$0	$0	$1,408
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$1,255	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$1,191	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$42,070	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$4,654	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$5,842	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$33,439	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$31,330	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$31,394	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$1,740	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$1,749	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$714	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$942	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
EUGOWRA	$0	$0	$0	$14,715	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$908	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$983	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$37,290	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$8,116	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$2,835	$0	$0	$0	$0
EUGOWRA	$0	$0	$0	$2,889	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$19,832	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$13,725	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$108	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$417	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$125	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$17,823	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$358	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$359	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$18,139	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$5,095	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$2,838	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$154	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$1,263	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$6,169	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$337	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$2,276	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$1,366	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$230	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$45,029	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$87,194	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$19,649	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$209,484	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$165	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$55	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$47,240	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$60,707	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$44	$0	$0	$0	$0
CUDAL	$0	$0	$0	$43	$0	$0	$0	$0
CUDAL	$0	$0	$0	$503	$0	$0	$0	$0
CUDAL	$0	$0	$0	$738	$0	$0	$0	$0
CUDAL	$0	$0	$0	$247	$0	$0	$0	$0
CUDAL	$0	$0	$0	$6,003	$0	$0	$0	$0
CUDAL	$0	$0	$0	$550	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
CUDAL	$0	$0	$0	$606	$0	$0	$0	$0
CUDAL	$0	$0	$0	$35	$0	$0	$0	$0
CUDAL	$0	$0	$0	$41	$0	$0	$0	$0
CUDAL	$0	$0	$0	$922	$0	$0	$0	$0
CUDAL	$0	$0	$0	$997	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$117,727	$0	$0	$0	$0
MOORBEL	$0	$0	$0	$2,252	$0	$0	$0	$0
MOORBEL	$0	$0	$0	$111,329	$0	$0	$0	$0
MOORBEL	$0	$0	$0	$37,917	$0	$0	$0	$0
MOORBEL	$0	$0	$0	$95,172	$0	$0	$0	$0
MOORBEL	$0	$0	$0	$90,268	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$0	$0	$0	$0	$0
CANOWINDRA	$0	$0	$0	$157,303	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
MILLTHORPE	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CUDAL	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
CARGO	$0	$0	$0	$0	$0	$0	$0	$0
GOOLOOGONG	$0	$0	$0	$48,580	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$17,348	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$168,773	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
NEVILLE	$0	$0	$0	$0	$0	$0	$0	$0
NEVILLE	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$446	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$95,670	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$94	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$74	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
LYNDHURST	$0	$0	$0	$95,865	$0	$0	$0	$0
BLAYNEY	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
MANDURAMA	$0	$0	$0	$0	$0	$0	$0	$0
CARCOAR	$0	$0	$0	$304	$0	$0	$0	$0

Central Tablelands Water

	Lake Rowlands				Quandialla			
Location	Headworks	Water Treatment Plant	Reservoir	Trunk System	Headworks	Water Treatment Plant	Reservoir	Trunk System
CARCOAR	$0	$0	$0	$14,263	$0	$0	$0	$0
	$606,680	**$5,278,040**	**$1,241,280**	**$11,371,182**	**$201,600**	**$0**	**$125,000**	**$1,658,967**

All values are in year 2010/11

Table 2: CTW Water Supply Capital Works Program ('000)

Project	Improved LOS	Growth	Renewals	Project Total	1 2011/12	2 2012/13	3 2013/14	4 2014/15	5 2015/16
LAKE ROWLANDS DSP AREA									
Funding									
Meter Replacement Programme	0%	0%	100%	**2,670**	89	89	89	89	89
Provision for Pump Replacements	0%	0%	100%	**1,260**	42	42	42	42	42
Telemetry	0%	10%	90%	**675**					225
Reticulation Mains Renewals									
- As determined	0%	0%	100%	**9,546**	221				
CWFP & BWFP - Mech & Elec refurb									
Pac System	0%	10%	90%	**296**	80				
CWFP - Mech & Elec refurb	0%	0%	100%	**2,186**					
CWFP - Low Level Storage	0%	0%	100%	**445**				445	
Blayney WFP - Repalcement	0%	0%	100%	**5,151**					
Blayney Water Filtration Plant refurbshiment	0%	0%	100%	**265**					53
Trunk Main Renewals									
Trunk Main 'K' Renewal (from 200 to 300)	0%	55%	45%	**5,687**			169	2759	2759
Trunk Main 'U' - 'C' to Cudal (from 150 to 200)	0%	78%	22%	**3,180**				0	0
Trunk Main 'C' - Mand to 'U' (from 225 to 300)	0%	78%	22%	**7,329**					
Trunk Main 'B' - CWFP to Mand. (from 250 to 300)	0%	44%	56%	**1,030**					
Trunk Main 'C' - 'U' to G'gong (from 225 to 300)	0%	78%	22%	**4,403**					
Trunk Main'D' - CWFP to B/Ck (from 200 to 250)	0%	56%	44%	**2,732**					
Trunk Main 'A' - L/R to CWFP (remain 375)	0%	0%	100%	**1,454**					
Trunk Main 'F' B/Ck to M'Thorp (from 150 to 200)	0%	78%	22%	**820**					
Trunk Main 'P' - 'C' to Somers (remain 100)	0%	0%	100%	**181**					
Trunk Main 'X' - L/R to Blayney (remain 375/300)	0%	0%	100%	**84**					
Gooloogong Bore - Renewal Works									
Refurbshemnt Bore Gooloogong	0%	0%	100%	**109**					
New Gooloogong Bore	0%	0%	100%	**563**					
General									
Lake Rowlands Remediation	100%	0%	0%	**1,000**					
Service Reservoirs - Renewal Works	0%	0%	100%	**84**					
Admin Building Refurbishment	0%	0%	100%	**60**			20		
Admin Building Replacement	0%	0%	100%	**0**					
IT System Upgrade	0%	10%	90%	**258**	86				
				51,468	**518**	**131**	**320**	**3,335**	**3,168**

		$'000					
Total Improved LOS		**$ 1,000**	0	0	0	0	0
Total Growth Works		**$ 17,505**	17	0	93	1,517	1,540
Total Renewals		**$ 32,963**	501	131	227	1,818	1,628

Table 2: CTW Water Supply Capital Works Program

	6	7	8	9	10	11	12	13	14
Project	**2016/17**	**2017/18**	**2018/19**	**2019/20**	**2020/21**	**2021/22**	**2022/23**	**2023/24**	**2024/25**
LAKE ROWLANDS DSP AREA									
Funding									
Meter Replacement Programme	89	89	89	89	89	89	89	89	89
Provision for Pump Replacements	42	42	42	42	42	42	42	42	42
Telemetry									
Reticulation Mains Renewals									
- As determined			221	221	221	221	221	221	221
CWFP & BWFP - Mech & Elec refurb									
Pac System						54			
CWFP - Mech & Elec refurb			1093						
CWFP - Low Level Storage									
Blayney WFP - Repalcement		780							
Blayney Water Filtration Plant refurbshiment					53				
Trunk Main Renewals									
Trunk Main 'K' Renewal (from 200 to 300)									
Trunk Main 'U' - 'C' to Cudal (from 150 to 200)		106	1537	1537					
Trunk Main 'C' - Mand to 'U' (from 225 to 300)						215	3557	3557	
Trunk Main 'B' - CWFP to Mand. (from 250 to 300)							52	978	
Trunk Main 'C' - 'U' to G'gong (from 225 to 300)								159	2122
Trunk Main'D' - CWFP to B/Ck (from 200 to 250)									
Trunk Main 'A' - L/R to CWFP (remain 375)									
Trunk Main 'F' B/Ck to M'Thorp (from 150 to 200)									
Trunk Main 'P' - 'C' to Somers (remain 100)									
Trunk Main 'X' - L/R to Blayney (remain 375/300)									
Gooloogong Bore - Renewal Works									
Refurbshemnt Bore Gooloogong							109		
New Gooloogong Bore						563			
General									
Lake Rowlands Remediation					1000				
Service Reservoirs - Renewal Works									
Admin Building Refurbishment								20	
Admin Building Replacement									
IT System Upgrade					86				
	131	**1,017**	**2,982**	**1,889**	**1,491**	**1,184**	**4,070**	**5,066**	**2,474**

Total Improved LOS	0	0	0	0	1,000	0	0	0	0
Total Growth Works	0	83	1,199	1,199	9	173	2,797	3,329	1,655
Total Renewals	131	934	1,783	690	482	1,011	1,273	1,737	819

Table 2: CTW Water Supply Capital Works Program

	15	16	17	18	19	20	21	22	23
Project	**2025/26**	**2026/27**	**2027/28**	**2028/29**	**2029/30**	**2030/31**	**2031/32**	**2032/33**	**2033/34**
LAKE ROWLANDS DSP AREA									
Funding									
Meter Replacement Programme	89	89	89	89	89	89	89	89	89
Provision for Pump Replacements	42	42	42	42	42	42	42	42	42
Telemetry	225								
Reticulation Mains Renewals									
- As determined	221	221	524	524	524	524	524	524	524
CWFP & BWFP - Mech & Elec refurb									
Pac System		54					54		
CWFP - Mech & Elec refurb									
CWFP - Low Level Storage									
Blayney WFP - Repalcement			546	3825					
Blayney Water Filtration Plant refurbshiment	53					53			
Trunk Main Renewals									
Trunk Main 'K' Renewal (from 200 to 300)									
Trunk Main 'U' - 'C' to Cudal (from 150 to 200)									
Trunk Main 'C' - Mand to 'U' (from 225 to 300)									
Trunk Main 'B' - CWFP to Mand. (from 250 to 300)									
Trunk Main 'C' - 'U' to G'gong (from 225 to 300)	2122								
Trunk Main'D' - CWFP to B/Ck (from 200 to 250)		109	2623						
Trunk Main 'A' - L/R to CWFP (remain 375)			0	55	1399				
Trunk Main 'F' B/Ck to M'Thorp (from 150 to 200)		44	776						
Trunk Main 'P' - 'C' to Somers (remain 100)		23	158						
Trunk Main 'X' - L/R to Blayney (remain 375/300)									
Gooloogong Bore - Renewal Works									
Refurbshemnt Bore Gooloogong									
New Gooloogong Bore									
General									
Lake Rowlands Remediation									
Service Reservoirs - Renewal Works									
Admin Building Refurbishment									20
Admin Building Replacement									
IT System Upgrade						86			
	2,752	**582**	**4,758**	**4,535**	**2,054**	**794**	**709**	**655**	**675**

Total Improved LOS	0	0	0	0	0	0	0	0	0
Total Growth Works	1,678	101	2,074	0	0	9	5	0	0
Total Renewals	1,074	481	2,684	4,535	2,054	785	704	655	675

Table 2: CTW Water Supply Capital Works Program

	24	25	26	27	28	29	30
Project	**2034/35**	**2035/36**	**2036/37**	**2037/38**	**2038/39**	**2039/40**	**2039/41**
LAKE ROWLANDS DSP AREA							
Funding							
Meter Replacement Programme	89	89	89	89	89	89	89
Provision for Pump Replacements	42	42	42	42	42	42	42
Telemetry		225					
Reticulation Mains Renewals							
- As determined	524	524	524	524	524	524	524
CWFP & BWFP - Mech & Elec refurb							
Pac System				54			
CWFP - Mech & Elec refurb		1093					
CWFP - Low Level Storage							
Blayney WFP - Repalcement							
Blayney Water Filtration Plant refurbshiment			53				
Trunk Main Renewals							
Trunk Main 'K' Renewal (from 200 to 300)							
Trunk Main 'U' - 'C' to Cudal (from 150 to 200)							
Trunk Main 'C' - Mand to 'U' (from 225 to 300)							
Trunk Main 'B' - CWFP to Mand. (from 250 to 300)							
Trunk Main 'C' - 'U' to G'gong (from 225 to 300)							
Trunk Main'D' - CWFP to B/Ck (from 200 to 250)							
Trunk Main 'A' - L/R to CWFP (remain 375)							
Trunk Main 'F' B/Ck to M'Thorp (from 150 to 200)							
Trunk Main 'P' - 'C' to Somers (remain 100)							
Trunk Main 'X' - L/R to Blayney (remain 375/300)	84						
Gooloogong Bore - Renewal Works							
Refurbshemnt Bore Gooloogong							
New Gooloogong Bore							
General							
Lake Rowlands Remediation							
Service Reservoirs - Renewal Works	84						
Admin Building Refurbishment							
Admin Building Replacement							
IT System Upgrade							
	823	**1,973**	**708**	**709**	**655**	**655**	**655**

Total Improved LOS	0	0	0	0	0	0	0
Total Growth Works	0	23	0	5	0	0	0
Total Renewals	823	1,951	708	704	655	655	655

Table 3: CTW Water Supply Assets Capacities

Component	Capacity (Native Units)		Conversion		Capacity (ET)
Lake Rowlands					
Headworks		ML		KL/ET	
Treatment Plant Capacity	15.5	ML/d	3	KL/ET/d	**5,167**
Reservoirs	29.4	ML	3	KL/ET	**9,806**
Trunk mains and Pump Stations					
Quandialla					
Headworks		ML		KL/ET	
Treatment Capacity	1	ML/d	3	KL/ET/d	**333**
Reservoirs	0.2	ML	3	KL/ET	**73**
Trunk mains and Pump Stations					

	Residential PDD standards of service (LOS)	
	3	kL/ET/d
Occupancy ratio	2.6	EP/ET

Source: CTW staff Sep 2011

Existing Water Supply serviced areas				Growth rate	Lake Rowlands Treatment Plant Design Capacity	Quandialla Water Production Design Capacity	Lake Rowlands Population	Quandialla Population
Lake Rowlands ETs		Quandialla ETs		0.70%				
Year	ET	Year	ET			333		312
2011	5517	2011	106		5,167	333	10325	312
2012	5556	2012	106		5,167	333	10397	312
2013	5595	2013	106		5,167	333	10470	312
2014	5634	2014	106		5,167	333	10543	312
2015	5673	2015	106		5,167	333	10617	312
2016	5713	2016	106		5,167	333	10691	312
2017	5753	2017	106		5,167	333	10766	312
2018	5793	2018	106		5,167	333	10841	312
2019	5834	2019	106		5,167	333	10917	312
2020	5874	2020	106		5,167	333	10994	312
2021	5916	2021	106		5,167	333	11071	312
2022	5957	2022	106		5,167	333	11148	312
2023	5999	2023	106		5,167	333	11226	312
2024	6041	2024	106		5,167	333	11305	312
2025	6083	2025	106		5,167	333	11384	312
2026	6126	2026	106		5,167	333	11464	312
2027	6168	2027	106		5,167	333	11544	312
2028	6212	2028	106		5,167	333	11625	312
2029	6255	2029	106		5,167	333	11706	312
2030	6299	2030	106		5,167	333	11788	312
2031	6343	2031	106		5,167	333	11871	312
2032	6387	2032	106		5,167	333	11954	312
2033	6432	2033	106		5,167	333	12037	312
2034	6477	2034	106		5,167	333	12122	312
2035	6522	2035	106		5,167	333	12206	312
2036	6568	2036	106		5,167	333	12292	312
2037	6614	2037	106		5,167	333	12378	312
2038	6660	2038	106		5,167	333	12465	312
2039	6707	2039	106		5,167	333	12552	312
2040	6754	2040	106		5,167	333	12640	312
2041	6801	2041	106		5,167	333	12728	312

Return on Investment Factor Approach		
ROI Before	1996	3%
ROI after		7%
Cap	30	years
Planning horizon	2041	

Current year 2011

Table 4: Water Supply Capital Charges Calculations 2011/12

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Lake Rowlands										
Headworks										
Existing (pre 1996)										
Assets commissioned in 1970	1970	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1971	1971	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1972	1972	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1973	1973	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1974	1974	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1975	1975	$53,280	2011	$53,280	3%	30	1.5	$79,174		
Assets commissioned in 1976	1976	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1977	1977	$295,200	2011	$295,200	3%	30	1.5	$438,667		
Assets commissioned in 1978	1978	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1979	1979	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1980	1980	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1981	1981	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1982	1982	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1983	1983	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1984	1984	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1985	1985	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1986	1986	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1987	1987	$106,560	2011	$106,560	3%	30	1.5	$158,348		
Assets commissioned in 1988	1988	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1989	1989	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1990	1990	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1991	1991	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1992	1992	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1993	1993	$116,640	2011	$116,640	3%	30	1.5	$173,327		
Assets commissioned in 1994	1994	$35,000	2011	$35,000	3%	30	1.5	$52,010		
Assets commissioned in 1995	1995	$0	2011	$0	3%	30	1.5	$0		
		$606,680						**$901,525**		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Existing (post 1996)										
Assets commissioned in 1996	1996	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1997	1997	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1998	1998	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1999	1999	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2000	2000	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2001	2001	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2002	2002	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2003	2003	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2004	2004	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2005	2005	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2006	2006	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2007	2007	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2008	2008	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2009	2009	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2010	2010	$0	2011	$0	7%	30	2.3	$0		
		$0						**$0**		
Future										
Assets planed for 2011	2011	$8,600	2011	$8,600	7%	30	2.3	$19,431		
Assets planed for 2012	2012	$0	2011	$0	7%	29	2.2	$0		
Assets planed for 2013	2013	$0	2011	$0	7%	28	2.2	$0		
Assets planed for 2014	2014	$0	2011	$0	7%	27	2.1	$0		
Assets planed for 2015	2015	$0	2011	$0	7%	26	2.1	$0		
Assets planed for 2016	2016	$0	2011	$0	7%	25	2.0	$0		
Assets planed for 2017	2017	$0	2011	$0	7%	24	2.0	$0		
Assets planed for 2018	2018	$0	2011	$0	7%	23	1.9	$0		
Assets planed for 2019	2019	$0	2011	$0	7%	22	1.9	$0		
Assets planed for 2020	2020	$8,600	2011	$4,678	7%	21	1.8	$8,473		
Assets planed for 2021	2021	$0	2011	$0	7%	20	1.8	$0		
Assets planed for 2022	2022	$0	2011	$0	7%	19	1.7	$0		
Assets planed for 2023	2023	$0	2011	$0	7%	18	1.7	$0		
Assets planed for 2024	2024	$0	2011	$0	7%	17	1.6	$0		
Assets planed for 2025	2025	$0	2011	$0	7%	16	1.6	$0		
Assets planed for 2026	2026	$0	2011	$0	7%	15	1.5	$0		
Assets planed for 2027	2027	$0	2011	$0	7%	14	1.5	$0		
Assets planed for 2028	2028	$0	2011	$0	7%	13	1.5	$0		
Assets planed for 2029	2029	$0	2011	$0	7%	12	1.4	$0		
Assets planed for 2030	2030	$8,600	2011	$2,378	7%	11	1.4	$3,260		
Assets planed for 2031	2031	$0	2011	$0	7%	10	1.3	$0		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets planed for 2032	2032	$0	2011	$0	7%	9	1.3	$0		
Assets planed for 2033	2033	$0	2011	$0	7%	8	1.3	$0		
Assets planed for 2034	2034	$0	2011	$0	7%	7	1.2	$0		
Assets planed for 2035	2035	$0	2011	$0	7%	6	1.2	$0		
Assets planed for 2036	2036	$0	2011	$0	7%	5	1.1	$0		
Assets planed for 2037	2037	$0	2011	$0	7%	4	1.1	$0		
Assets planed for 2038	2038	$0	2011	$0	7%	3	1.1	$0		
Assets planed for 2039	2039	$0	2011	$0	7%	2	1.0	$0		
Assets planed for 2040	2040	$0	2011	$0	7%	1	1.0	$0		
		$25,800						**$31,164**		
TOTAL Lake Rowlands HEADWORKS								**$932,689**	**5,167**	**$181**

Water Treatment Plant

Existing (pre 1996)										
Assets commissioned in 1970	1970	$500,000	2011	$500,000	3%	30	1.5	$742,999		
Assets commissioned in 1971	1971	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1972	1972	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1973	1973	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1974	1974	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1975	1975	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1976	1976	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1977	1977	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1978	1978	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1979	1979	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1980	1980	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1981	1981	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1982	1982	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1983	1983	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1984	1984	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1985	1985	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1986	1986	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1987	1987	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1988	1988	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1989	1989	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1990	1990	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1991	1991	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1992	1992	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1993	1993	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1994	1994	$0	2011	$0	3%	30	1.5	$0		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets commissioned in 1995	1995	$0	2011	$0	3%	30	1.5	$0		
		$500,000						**$742,999**		
Existing (post 1996)										
Assets commissioned in 1996	1996	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1997	1997	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1998	1998	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1999	1999	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2000	2000	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2001	2001	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2002	2002	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2003	2003	$4,778,040	2011	$4,778,040	7%	30	2.3	$10,795,655		
Assets commissioned in 2004	2004	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2005	2005	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2006	2006	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2007	2007	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2008	2008	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2009	2009	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2010	2010	$0	2011	$0	7%	30	2.3	$0		
		$4,778,040						**$10,795,655**		
Future										
Assets planed for 2011	2011	$8,000	2011	$8,000	7%	30	2.3	$18,075		
Assets planed for 2012	2012	$0	2011	$0	7%	29	2.2	$0		
Assets planed for 2013	2013	$0	2011	$0	7%	28	2.2	$0		
Assets planed for 2014	2014	$0	2011	$0	7%	27	2.1	$0		
Assets planed for 2015	2015	$0	2011	$0	7%	26	2.1	$0		
Assets planed for 2016	2016	$0	2011	$0	7%	25	2.0	$0		
Assets planed for 2017	2017	$0	2011	$0	7%	24	2.0	$0		
Assets planed for 2018	2018	$0	2011	$0	7%	23	1.9	$0		
Assets planed for 2019	2019	$0	2011	$0	7%	22	1.9	$0		
Assets planed for 2020	2020	$0	2011	$0	7%	21	1.8	$0		
Assets planed for 2021	2021	$5,400	2011	$2,745	7%	20	1.8	$4,843		
Assets planed for 2022	2022	$0	2011	$0	7%	19	1.7	$0		
Assets planed for 2023	2023	$0	2011	$0	7%	18	1.7	$0		
Assets planed for 2024	2024	$0	2011	$0	7%	17	1.6	$0		
Assets planed for 2025	2025	$0	2011	$0	7%	16	1.6	$0		
Assets planed for 2026	2026	$5,400	2011	$1,957	7%	15	1.5	$3,012		
Assets planed for 2027	2027	$0	2011	$0	7%	14	1.5	$0		
Assets planed for 2028	2028	$0	2011	$0	7%	13	1.5	$0		
Assets planed for 2029	2029	$0	2011	$0	7%	12	1.4	$0		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets planed for 2030	2030	$0	2011	$0	7%	11	1.4	$0		
Assets planed for 2031	2031	$5,400	2011	$1,395	7%	10	1.3	$1,857		
Assets planed for 2032	2032	$0	2011	$0	7%	9	1.3	$0		
Assets planed for 2033	2033	$0	2011	$0	7%	8	1.3	$0		
Assets planed for 2034	2034	$0	2011	$0	7%	7	1.2	$0		
Assets planed for 2035	2035	$0	2011	$0	7%	6	1.2	$0		
Assets planed for 2036	2036	$0	2011	$0	7%	5	1.1	$0		
Assets planed for 2037	2037	$5,400	2011	$930	7%	4	1.1	$1,026		
Assets planed for 2038	2038	$0	2011	$0	7%	3	1.1	$0		
Assets planed for 2039	2039	$0	2011	$0	7%	2	1.0	$0		
Assets planed for 2040	2040	$0	2011	$0	7%	1	1.0	$0		
		$29,600						**$28,814**		
TOTAL Lake Rowlands TREATMENT PLANT								**$11,567,468**	**5,167**	**$2,239**

Reservoir

Existing (pre 1996)								
Assets commissioned in 1970	1970	$53,280	2011	$53,280	3%	30	1.5	$79,174
Assets commissioned in 1971	1971	$53,280	2011	$53,280	3%	30	1.5	$79,174
Assets commissioned in 1972	1972	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1973	1973	$53,280	2011	$53,280	3%	30	1.5	$79,174
Assets commissioned in 1974	1974	$237,600	2011	$237,600	3%	30	1.5	$353,073
Assets commissioned in 1975	1975	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1976	1976	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1977	1977	$105,120	2011	$105,120	3%	30	1.5	$156,208
Assets commissioned in 1978	1978	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1979	1979	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1980	1980	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1981	1981	$53,280	2011	$53,280	3%	30	1.5	$79,174
Assets commissioned in 1982	1982	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1983	1983	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1984	1984	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1985	1985	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1986	1986	$105,120	2011	$105,120	3%	30	1.5	$156,208
Assets commissioned in 1987	1987	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1988	1988	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1989	1989	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1990	1990	$105,120	2011	$105,120	3%	30	1.5	$156,208
Assets commissioned in 1991	1991	$237,600	2011	$237,600	3%	30	1.5	$353,073
Assets commissioned in 1992	1992	$0	2011	$0	3%	30	1.5	$0

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets commissioned in 1993	1993	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1994	1994	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1995	1995	$0	2011	$0	3%	30	1.5	$0		
		$1,003,680						**$1,491,466**		
Existing (post 1996)										
Assets commissioned in 1996	1996	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1997	1997	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1998	1998	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1999	1999	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2000	2000	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2001	2001	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2002	2002	$237,600	2011	$237,600	7%	30	2.3	$536,841		
Assets commissioned in 2003	2003	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2004	2004	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2005	2005	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2006	2006	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2007	2007	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2008	2008	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2009	2009	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2010	2010	$0	2011	$0	7%	30	2.3	$0		
		$237,600						**$536,841**		
Future										
Assets planed for 2011	2011	$0	2011	$0	7%	30	2.3	$0		
Assets planed for 2012	2012	$0	2011	$0	7%	29	2.2	$0		
Assets planed for 2013	2013	$0	2011	$0	7%	28	2.2	$0		
Assets planed for 2014	2014	$0	2011	$0	7%	27	2.1	$0		
Assets planed for 2015	2015	$0	2011	$0	7%	26	2.1	$0		
Assets planed for 2016	2016	$0	2011	$0	7%	25	2.0	$0		
Assets planed for 2017	2017	$0	2011	$0	7%	24	2.0	$0		
Assets planed for 2018	2018	$0	2011	$0	7%	23	1.9	$0		
Assets planed for 2019	2019	$0	2011	$0	7%	22	1.9	$0		
Assets planed for 2020	2020	$0	2011	$0	7%	21	1.8	$0		
Assets planed for 2021	2021	$0	2011	$0	7%	20	1.8	$0		
Assets planed for 2022	2022	$0	2011	$0	7%	19	1.7	$0		
Assets planed for 2023	2023	$0	2011	$0	7%	18	1.7	$0		
Assets planed for 2024	2024	$0	2011	$0	7%	17	1.6	$0		
Assets planed for 2025	2025	$0	2011	$0	7%	16	1.6	$0		
Assets planed for 2026	2026	$0	2011	$0	7%	15	1.5	$0		
Assets planed for 2027	2027	$0	2011	$0	7%	14	1.5	$0		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets planed for 2028	2028	$0	2011	$0	7%	13	1.5	$0		
Assets planed for 2029	2029	$0	2011	$0	7%	12	1.4	$0		
Assets planed for 2030	2030	$0	2011	$0	7%	11	1.4	$0		
Assets planed for 2031	2031	$0	2011	$0	7%	10	1.3	$0		
Assets planed for 2032	2032	$0	2011	$0	7%	9	1.3	$0		
Assets planed for 2033	2033	$0	2011	$0	7%	8	1.3	$0		
Assets planed for 2034	2034	$0	2011	$0	7%	7	1.2	$0		
Assets planed for 2035	2035	$0	2011	$0	7%	6	1.2	$0		
Assets planed for 2036	2036	$0	2011	$0	7%	5	1.1	$0		
Assets planed for 2037	2037	$0	2011	$0	7%	4	1.1	$0		
Assets planed for 2038	2038	$0	2011	$0	7%	3	1.1	$0		
Assets planed for 2039	2039	$0	2011	$0	7%	2	1.0	$0		
Assets planed for 2040	2040	$0	2011	$0	7%	1	1.0	$0		
		$0						**$0**		
TOTAL Lake Rowlands RESERVOIRS								**$2,028,307**	**9,806**	**$207**

Trunk System

Existing (pre 1996)								
Assets commissioned in 1970	1970	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1971	1971	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1972	1972	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1973	1973	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1974	1974	$116,042	2011	$116,042	3%	30	1.5	$172,437
Assets commissioned in 1975	1975	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1976	1976	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1977	1977	$19,727	2011	$19,727	3%	30	1.5	$29,315
Assets commissioned in 1978	1978	$115,242	2011	$115,242	3%	30	1.5	$171,249
Assets commissioned in 1979	1979	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1980	1980	$3,114,253	2011	$3,114,253	3%	30	1.5	$4,627,773
Assets commissioned in 1981	1981	$295,200	2011	$295,200	3%	30	1.5	$438,667
Assets commissioned in 1982	1982	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1983	1983	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1984	1984	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1985	1985	$197,130	2011	$197,130	3%	30	1.5	$292,935
Assets commissioned in 1986	1986	$6,631	2011	$6,631	3%	30	1.5	$9,853
Assets commissioned in 1987	1987	$1,557	2011	$1,557	3%	30	1.5	$2,313
Assets commissioned in 1988	1988	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1989	1989	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1990	1990	$904,847	2011	$904,847	3%	30	1.5	$1,344,601

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets commissioned in 1991	1991	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1992	1992	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1993	1993	$63,360	2011	$63,360	3%	30	1.5	$94,153		
Assets commissioned in 1994	1994	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1995	1995	$856,643	2011	$856,643	3%	30	1.5	$1,272,970		
		$5,690,632						**$8,456,267**		
Existing (post 1996)										
Assets commissioned in 1996	1996	$168,773	2011	$168,773	7%	30	2.3	$381,331		
Assets commissioned in 1997	1997	$358,560	2011	$358,560	7%	30	2.3	$810,142		
Assets commissioned in 1998	1998	$7,498	2011	$7,498	7%	30	2.3	$16,941		
Assets commissioned in 1999	1999	$63,360	2011	$63,360	7%	30	2.3	$143,158		
Assets commissioned in 2000	2000	$175,447	2011	$175,447	7%	30	2.3	$396,410		
Assets commissioned in 2001	2001	$95,040	2011	$95,040	7%	30	2.3	$214,736		
Assets commissioned in 2002	2002	$599,374	2011	$599,374	7%	30	2.3	$1,354,245		
Assets commissioned in 2003	2003	$934,079	2011	$934,079	7%	30	2.3	$2,110,488		
Assets commissioned in 2004	2004	$2,046,185	2011	$2,046,185	7%	30	2.3	$4,623,216		
Assets commissioned in 2005	2005	$691,489	2011	$691,489	7%	30	2.3	$1,562,371		
Assets commissioned in 2006	2006	$206	2011	$206	7%	30	2.3	$465		
Assets commissioned in 2007	2007	$463,895	2011	$463,895	7%	30	2.3	$1,048,139		
Assets commissioned in 2008	2008	$31,153	2011	$31,153	7%	30	2.3	$70,388		
Assets commissioned in 2009	2009	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2010	2010	$45,491	2011	$45,491	7%	30	2.3	$102,784		
		$5,680,550						**$12,834,815**		
Future										
Assets planed for 2011	2011	$0	2011	$0	7%	30	2.3	$0		
Assets planed for 2012	2012	$0	2011	$0	7%	29	2.2	$0		
Assets planed for 2013	2013	$92,950	2011	$81,186	7%	28	2.2	$175,041		
Assets planed for 2014	2014	$1,517,450	2011	$1,238,691	7%	27	2.1	$2,607,613		
Assets planed for 2015	2015	$1,539,950	2011	$1,174,820	7%	26	2.1	$2,413,967		
Assets planed for 2016	2016	$0	2011	$0	7%	25	2.0	$0		
Assets planed for 2017	2017	$82,680	2011	$55,093	7%	24	2.0	$107,743		
Assets planed for 2018	2018	$1,198,860	2011	$746,590	7%	23	1.9	$1,423,698		
Assets planed for 2019	2019	$1,198,860	2011	$697,747	7%	22	1.9	$1,296,980		
Assets planed for 2020	2020	$0	2011	$0	7%	21	1.8	$0		
Assets planed for 2021	2021	$167,700	2011	$85,250	7%	20	1.8	$150,411		
Assets planed for 2022	2022	$2,797,340	2011	$1,328,996	7%	19	1.7	$2,283,274		
Assets planed for 2023	2023	$3,328,800	2011	$1,478,027	7%	18	1.7	$2,471,796		
Assets planed for 2024	2024	$1,655,160	2011	$686,833	7%	17	1.6	$1,117,694		
Assets planed for 2025	2025	$1,677,660	2011	$650,625	7%	16	1.6	$1,029,887		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets planed for 2026	2026	$95,360	2011	$34,563	7%	15	1.5	$53,198		
Assets planed for 2027	2027	$2,074,160	2011	$702,590	7%	14	1.5	$1,051,146		
Assets planed for 2028	2028	$0	2011	$0	7%	13	1.5	$0		
Assets planed for 2029	2029	$0	2011	$0	7%	12	1.4	$0		
Assets planed for 2030	2030	$0	2011	$0	7%	11	1.4	$0		
Assets planed for 2031	2031	$0	2011	$0	7%	10	1.3	$0		
Assets planed for 2032	2032	$0	2011	$0	7%	9	1.3	$0		
Assets planed for 2033	2033	$0	2011	$0	7%	8	1.3	$0		
Assets planed for 2034	2034	$0	2011	$0	7%	7	1.2	$0		
Assets planed for 2035	2035	$22,500	2011	$4,436	7%	6	1.2	$5,218		
Assets planed for 2036	2036	$0	2011	$0	7%	5	1.1	$0		
Assets planed for 2037	2037	$0	2011	$0	7%	4	1.1	$0		
Assets planed for 2038	2038	$0	2011	$0	7%	3	1.1	$0		
Assets planed for 2039	2039	$0	2011	$0	7%	2	1.0	$0		
Assets planed for 2040	2040	$0	2011	$0	7%	1	1.0	$0		
		$17,449,430						**$16,187,666**		
TOTAL Lake Rowlands Trunk System								**$37,478,748**	**5,167**	**$7,254**

TOTAL Lake Rowlands ASSETS CAPITAL CHARGES	**$52,007,212**	**$9,880**
TOTAL Lake Rowlands CAPITAL CHARGES		**$9,880**

Quandialla

Headworks

Existing (pre 1996)								
Assets commissioned in 1970	1970	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1971	1971	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1972	1972	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1973	1973	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1974	1974	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1975	1975	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1976	1976	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1977	1977	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1978	1978	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1979	1979	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1980	1980	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1981	1981	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1982	1982	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1983	1983	$0	2011	$0	3%	30	1.5	$0

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets commissioned in 1984	1984	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1985	1985	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1986	1986	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1987	1987	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1988	1988	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1989	1989	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1990	1990	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1991	1991	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1992	1992	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1993	1993	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1994	1994	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1995	1995	$0	2011	$0	3%	30	1.5	$0		
		$0						**$0**		
Existing (post 1996)										
Assets commissioned in 1996	1996	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1997	1997	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1998	1998	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1999	1999	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2000	2000	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2001	2001	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2002	2002	$148,320	2011	$148,320	7%	30	2.3	$335,119		
Assets commissioned in 2003	2003	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2004	2004	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2005	2005	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2006	2006	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2007	2007	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2008	2008	$53,280	2011	$53,280	7%	30	2.3	$120,383		
Assets commissioned in 2009	2009	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2010	2010	$0	2011	$0	7%	30	2.3	$0		
		$201,600						**$455,501**		
Future										
Assets planed for 2011	2011	$0	2011	$0	7%	30	2.3	$0		
Assets planed for 2012	2012	$0	2011	$0	7%	29	2.2	$0		
Assets planed for 2013	2013	$0	2011	$0	7%	28	2.2	$0		
Assets planed for 2014	2014	$0	2011	$0	7%	27	2.1	$0		
Assets planed for 2015	2015	$0	2011	$0	7%	26	2.1	$0		
Assets planed for 2016	2016	$0	2011	$0	7%	25	2.0	$0		
Assets planed for 2017	2017	$0	2011	$0	7%	24	2.0	$0		
Assets planed for 2018	2018	$0	2011	$0	7%	23	1.9	$0		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets planed for 2019	2019	$0	2011	$0	7%	22	1.9	$0		
Assets planed for 2020	2020	$0	2011	$0	7%	21	1.8	$0		
Assets planed for 2021	2021	$0	2011	$0	7%	20	1.8	$0		
Assets planed for 2022	2022	$0	2011	$0	7%	19	1.7	$0		
Assets planed for 2023	2023	$0	2011	$0	7%	18	1.7	$0		
Assets planed for 2024	2024	$0	2011	$0	7%	17	1.6	$0		
Assets planed for 2025	2025	$0	2011	$0	7%	16	1.6	$0		
Assets planed for 2026	2026	$0	2011	$0	7%	15	1.5	$0		
Assets planed for 2027	2027	$0	2011	$0	7%	14	1.5	$0		
Assets planed for 2028	2028	$0	2011	$0	7%	13	1.5	$0		
Assets planed for 2029	2029	$0	2011	$0	7%	12	1.4	$0		
Assets planed for 2030	2030	$0	2011	$0	7%	11	1.4	$0		
Assets planed for 2031	2031	$0	2011	$0	7%	10	1.3	$0		
Assets planed for 2032	2032	$0	2011	$0	7%	9	1.3	$0		
Assets planed for 2033	2033	$0	2011	$0	7%	8	1.3	$0		
Assets planed for 2034	2034	$0	2011	$0	7%	7	1.2	$0		
Assets planed for 2035	2035	$0	2011	$0	7%	6	1.2	$0		
Assets planed for 2036	2036	$0	2011	$0	7%	5	1.1	$0		
Assets planed for 2037	2037	$0	2011	$0	7%	4	1.1	$0		
Assets planed for 2038	2038	$0	2011	$0	7%	3	1.1	$0		
Assets planed for 2039	2039	$0	2011	$0	7%	2	1.0	$0		
Assets planed for 2040	2040	$0	2011	$0	7%	1	1.0	$0		
		$0						**$0**		
TOTAL Quandialla HEADWORKS CAPITAL CHARGE								**$455,501**	**333**	**$1,367**

Water Treatment Plant

Existing (pre 1996)								
Assets commissioned in 1970	1970	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1971	1971	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1972	1972	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1973	1973	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1974	1974	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1975	1975	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1976	1976	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1977	1977	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1978	1978	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1979	1979	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1980	1980	$0	2011	$0	3%	30	1.5	$0
Assets commissioned in 1981	1981	$0	2011	$0	3%	30	1.5	$0

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets commissioned in 1982	1982	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1983	1983	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1984	1984	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1985	1985	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1986	1986	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1987	1987	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1988	1988	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1989	1989	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1990	1990	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1991	1991	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1992	1992	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1993	1993	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1994	1994	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1995	1995	$0	2011	$0	3%	30	1.5	$0		
		$0						**$0**		
Existing (post 1996)										
Assets commissioned in 1996	1996	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1997	1997	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1998	1998	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1999	1999	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2000	2000	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2001	2001	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2002	2002	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2003	2003	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2004	2004	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2005	2005	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2006	2006	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2007	2007	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2008	2008	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2009	2009	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2010	2010	$0	2011	$0	7%	30	2.3	$0		
		$0						**$0**		
Future										
Assets planed for 2011	2011	$0	2011	$0	7%	30	2.3	$0		
Assets planed for 2012	2012	$0	2011	$0	7%	29	2.2	$0		
Assets planed for 2013	2013	$0	2011	$0	7%	28	2.2	$0		
Assets planed for 2014	2014	$0	2011	$0	7%	27	2.1	$0		
Assets planed for 2015	2015	$0	2011	$0	7%	26	2.1	$0		
Assets planed for 2016	2016	$0	2011	$0	7%	25	2.0	$0		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets planed for 2017	2017	$0	2011	$0	7%	24	2.0	$0		
Assets planed for 2018	2018	$0	2011	$0	7%	23	1.9	$0		
Assets planed for 2019	2019	$0	2011	$0	7%	22	1.9	$0		
Assets planed for 2020	2020	$0	2011	$0	7%	21	1.8	$0		
Assets planed for 2021	2021	$0	2011	$0	7%	20	1.8	$0		
Assets planed for 2022	2022	$0	2011	$0	7%	19	1.7	$0		
Assets planed for 2023	2023	$0	2011	$0	7%	18	1.7	$0		
Assets planed for 2024	2024	$0	2011	$0	7%	17	1.6	$0		
Assets planed for 2025	2025	$0	2011	$0	7%	16	1.6	$0		
Assets planed for 2026	2026	$0	2011	$0	7%	15	1.5	$0		
Assets planed for 2027	2027	$0	2011	$0	7%	14	1.5	$0		
Assets planed for 2028	2028	$0	2011	$0	7%	13	1.5	$0		
Assets planed for 2029	2029	$0	2011	$0	7%	12	1.4	$0		
Assets planed for 2030	2030	$0	2011	$0	7%	11	1.4	$0		
Assets planed for 2031	2031	$0	2011	$0	7%	10	1.3	$0		
Assets planed for 2032	2032	$0	2011	$0	7%	9	1.3	$0		
Assets planed for 2033	2033	$0	2011	$0	7%	8	1.3	$0		
Assets planed for 2034	2034	$0	2011	$0	7%	7	1.2	$0		
Assets planed for 2035	2035	$0	2011	$0	7%	6	1.2	$0		
Assets planed for 2036	2036	$0	2011	$0	7%	5	1.1	$0		
Assets planed for 2037	2037	$0	2011	$0	7%	4	1.1	$0		
Assets planed for 2038	2038	$0	2011	$0	7%	3	1.1	$0		
Assets planed for 2039	2039	$0	2011	$0	7%	2	1.0	$0		
Assets planed for 2040	2040	$0	2011	$0	7%	1	1.0	$0		
		$0						**$0**		
TOTAL Quandialla TREATMENT PLANT								**$0**	**333**	**$0**

Reservoir

Existing (pre 1996)										
Assets commissioned in 1970	1970	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1971	1971	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1972	1972	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1973	1973	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1974	1974	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1975	1975	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1976	1976	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1977	1977	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1978	1978	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1979	1979	$0	2011	$0	3%	30	1.5	$0		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets commissioned in 1980	1980	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1981	1981	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1982	1982	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1983	1983	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1984	1984	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1985	1985	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1986	1986	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1987	1987	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1988	1988	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1989	1989	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1990	1990	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1991	1991	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1992	1992	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1993	1993	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1994	1994	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1995	1995	$0	2011	$0	3%	30	1.5	$0		
		$0						**$0**		
Existing (post 1996)										
Assets commissioned in 1996	1996	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1997	1997	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1998	1998	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1999	1999	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2000	2000	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2001	2001	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2002	2002	$125,000	2011	$125,000	7%	30	2.3	$282,429		
Assets commissioned in 2003	2003	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2004	2004	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2005	2005	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2006	2006	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2007	2007	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2008	2008	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2009	2009	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2010	2010	$0	2011	$0	7%	30	2.3	$0		
		$125,000						**$282,429**		
Future										
Assets planed for 2011	2011	$0	2011	$0	7%	30	2.3	$0		
Assets planed for 2012	2012	$0	2011	$0	7%	29	2.2	$0		
Assets planed for 2013	2013	$0	2011	$0	7%	28	2.2	$0		
Assets planed for 2014	2014	$0	2011	$0	7%	27	2.1	$0		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets planed for 2015	2015	$0	2011	$0	7%	26	2.1	$0		
Assets planed for 2016	2016	$0	2011	$0	7%	25	2.0	$0		
Assets planed for 2017	2017	$0	2011	$0	7%	24	2.0	$0		
Assets planed for 2018	2018	$0	2011	$0	7%	23	1.9	$0		
Assets planed for 2019	2019	$0	2011	$0	7%	22	1.9	$0		
Assets planed for 2020	2020	$0	2011	$0	7%	21	1.8	$0		
Assets planed for 2021	2021	$0	2011	$0	7%	20	1.8	$0		
Assets planed for 2022	2022	$0	2011	$0	7%	19	1.7	$0		
Assets planed for 2023	2023	$0	2011	$0	7%	18	1.7	$0		
Assets planed for 2024	2024	$0	2011	$0	7%	17	1.6	$0		
Assets planed for 2025	2025	$0	2011	$0	7%	16	1.6	$0		
Assets planed for 2026	2026	$0	2011	$0	7%	15	1.5	$0		
Assets planed for 2027	2027	$0	2011	$0	7%	14	1.5	$0		
Assets planed for 2028	2028	$0	2011	$0	7%	13	1.5	$0		
Assets planed for 2029	2029	$0	2011	$0	7%	12	1.4	$0		
Assets planed for 2030	2030	$0	2011	$0	7%	11	1.4	$0		
Assets planed for 2031	2031	$0	2011	$0	7%	10	1.3	$0		
Assets planed for 2032	2032	$0	2011	$0	7%	9	1.3	$0		
Assets planed for 2033	2033	$0	2011	$0	7%	8	1.3	$0		
Assets planed for 2034	2034	$0	2011	$0	7%	7	1.2	$0		
Assets planed for 2035	2035	$0	2011	$0	7%	6	1.2	$0		
Assets planed for 2036	2036	$0	2011	$0	7%	5	1.1	$0		
Assets planed for 2037	2037	$0	2011	$0	7%	4	1.1	$0		
Assets planed for 2038	2038	$0	2011	$0	7%	3	1.1	$0		
Assets planed for 2039	2039	$0	2011	$0	7%	2	1.0	$0		
Assets planed for 2040	2040	$0	2011	$0	7%	1	1.0	$0		
		$0						**$0**		
TOTAL Quandialla RESERVOIRS								**$282,429**	**73**	**$3,851**

Trunk System

Existing (pre 1996)										
Assets commissioned in 1970	1970	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1971	1971	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1972	1972	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1973	1973	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1974	1974	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1975	1975	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1976	1976	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1977	1977	$0	2011	$0	3%	30	1.5	$0		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets commissioned in 1978	1978	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1979	1979	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1980	1980	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1981	1981	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1982	1982	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1983	1983	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1984	1984	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1985	1985	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1986	1986	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1987	1987	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1988	1988	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1989	1989	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1990	1990	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1991	1991	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1992	1992	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1993	1993	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1994	1994	$0	2011	$0	3%	30	1.5	$0		
Assets commissioned in 1995	1995	$0	2011	$0	3%	30	1.5	$0		
		$0						**$0**		
Existing (post 1996)										
Assets commissioned in 1996	1996	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1997	1997	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1998	1998	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 1999	1999	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2000	2000	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2001	2001	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2002	2002	$1,654,647	2011	$1,654,647	7%	30	2.3	$3,738,563		
Assets commissioned in 2003	2003	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2004	2004	$256	2011	$256	7%	30	2.3	$579		
Assets commissioned in 2005	2005	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2006	2006	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2007	2007	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2008	2008	$0	2011	$0	7%	30	2.3	$0		
Assets commissioned in 2009	2009	$4,063	2011	$4,063	7%	30	2.3	$9,180		
Assets commissioned in 2010	2010	$0	2011	$0	7%	30	2.3	$0		
		$1,658,967						**$3,748,322**		
Future										
Assets planed for 2011	2011	$0	2011	$0	7%	30	2.3	$0		
Assets planed for 2012	2012	$0	2011	$0	7%	29	2.2	$0		

Asset	Year of Commissioning	Capital Cost	Base Year for PV	CRC 2011	ROI %	Yrs to full take-up	ROI Factor	Capital Charge + ROI (2011/12$)	Capacity (ETs)	Capital Charge/ ET (2011/12$)
Assets planed for 2013	2013	$0	2011	$0	7%	28	2.2	$0		
Assets planed for 2014	2014	$0	2011	$0	7%	27	2.1	$0		
Assets planed for 2015	2015	$0	2011	$0	7%	26	2.1	$0		
Assets planed for 2016	2016	$0	2011	$0	7%	25	2.0	$0		
Assets planed for 2017	2017	$0	2011	$0	7%	24	2.0	$0		
Assets planed for 2018	2018	$0	2011	$0	7%	23	1.9	$0		
Assets planed for 2019	2019	$0	2011	$0	7%	22	1.9	$0		
Assets planed for 2020	2020	$0	2011	$0	7%	21	1.8	$0		
Assets planed for 2021	2021	$0	2011	$0	7%	20	1.8	$0		
Assets planed for 2022	2022	$0	2011	$0	7%	19	1.7	$0		
Assets planed for 2023	2023	$0	2011	$0	7%	18	1.7	$0		
Assets planed for 2024	2024	$0	2011	$0	7%	17	1.6	$0		
Assets planed for 2025	2025	$0	2011	$0	7%	16	1.6	$0		
Assets planed for 2026	2026	$0	2011	$0	7%	15	1.5	$0		
Assets planed for 2027	2027	$0	2011	$0	7%	14	1.5	$0		
Assets planed for 2028	2028	$0	2011	$0	7%	13	1.5	$0		
Assets planed for 2029	2029	$0	2011	$0	7%	12	1.4	$0		
Assets planed for 2030	2030	$0	2011	$0	7%	11	1.4	$0		
Assets planed for 2031	2031	$0	2011	$0	7%	10	1.3	$0		
Assets planed for 2032	2032	$0	2011	$0	7%	9	1.3	$0		
Assets planed for 2033	2033	$0	2011	$0	7%	8	1.3	$0		
Assets planed for 2034	2034	$0	2011	$0	7%	7	1.2	$0		
Assets planed for 2035	2035	$0	2011	$0	7%	6	1.2	$0		
Assets planed for 2036	2036	$0	2011	$0	7%	5	1.1	$0		
Assets planed for 2037	2037	$0	2011	$0	7%	4	1.1	$0		
Assets planed for 2038	2038	$0	2011	$0	7%	3	1.1	$0		
Assets planed for 2039	2039	$0	2011	$0	7%	2	1.0	$0		
Assets planed for 2040	2040	$0	2011	$0	7%	1	1.0	$0		
		$0						**$0**		
TOTAL Quandialla Trunk System								**$3,748,322**	**333**	**$11,245**

TOTAL Quandialla ASSETS CAPITAL CHARGES	**$4,486,253**	**$16,463**
TOTAL Quandialla CAPITAL CHARGES		**$16,463**

Central Tablelands Water

Table 5: Water Supply Developer Charge Calculation

Sydney CPI from June 11 to June 12 1.3%

Agglomeration						Weighted Average Capital Charge for DSP areas			
Water Supply DSP Areas	Capital Charge	% of highest	ET in 2012	ET in 2041	New ET	Proportion of growth	Average Weighted Cap charge ($/ET)	Reduction Amount ($/ET)	Developer Charge ($/ET) 2013/14
Quandialla	$16,463	100%	106	106	-	0%	$0		$ 15,088
Lake Rowlands	$9,880	60%	5,556	6,801	1,246	100%	$9,880		$ 8,333
					1,246	100%	$9,880	$ 1,760	

Note: Capital charges of the 2 served areas are not within 30% of each other. Therefore the capital charges are not required to be agglomerated

Appendix C

Water Supply Reduction Amount Calculation

Table Water Supply - Calculation of Developer Charges using the NPV of Annual Charges Method **Central Tablelands**
Based on Input Reduction Amounts of $1,798 /ET (2nd iteration)

Year																					
Year No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Year		2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31
Developer Charges																					
Year 1		2011	/12																		
Base Year		2011	/12																		
Average Capital Charges per ET	(2011/12$)	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858
Inflation from Base year to Year 1 (%)		0.00%																			
Capital Charge	(2011/12$)	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,860
Input Reduction Amounts	**(2011/12$)**	**1,798**	**1,798**	**1,798**	**1,798**	**1,798**	**1,511**	**1,471**	**1,366**	**1,246**	**1,122**	**992**	**843**	**679**	**510**	**331**	**125**	**-82**	**-320**	**-570**	**-829**
Developer Charge per ET	(2011/12$)	8,060	8,060	8,060	8,060	8,060	8,350	8,390	8,490	8,610	8,740	8,870	9,020	9,180	9,350	9,530	9,730	9,940	10,180	10,430	10,690
Developer Charges per assessment - Residential	(2011/12$)	8,060	8,060	8,060	8,060	8,060	8,350	8,390	8,490	8,610	8,740	8,870	9,020	9,180	9,350	9,530	9,730	9,940	10,180	10,430	10,690
Developer Charges per assessment - Non-Residential	(2011/12$)	16,120	16,120	16,120	16,120	16,120	16,700	16,780	16,980	17,220	17,480	17,740	18,040	18,360	18,700	19,060	19,460	19,880	20,360	20,860	21,380
Assessments & ETs																					
	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31
Residential Assessments at year end	**4,176**	**4,205**	**4,234**	**4,264**	**4,294**	**4,324**	**4,354**	**4,384**	**4,415**	**4,446**	**4,477**	**4,508**	**4,540**	**4,572**	**4,604**	**4,636**	**4,668**	**4,701**	**4,734**	**4,767**	**4,800**
Non Residential Assessments at year end	**1,447**	**1,450**	**1,453**	**1,456**	**1,459**	**1,462**	**1,465**	**1,468**	**1,471**	**1,474**	**1,477**	**1,480**	**1,483**	**1,486**	**1,489**	**1,492**	**1,495**	**1,498**	**1,501**	**1,504**	**1,507**
Backlog Assessments at year end	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Assessments at year end	**5,623**	**5,655**	**5,687**	**5,720**	**5,753**	**5,786**	**5,819**	**5,852**	**5,886**	**5,920**	**5,954**	**5,988**	**6,023**	**6,058**	**6,093**	**6,128**	**6,163**	**6,199**	**6,235**	**6,271**	**6,307**
ET per Residential Assessment	**1**																				
ET per Non Residential Assessment	**2**																				
Total ETs	7,070	7,105	7,140	7,176	7,212	7,248	7,284	7,320	7,357	7,394	7,431	7,468	7,506	7,544	7,582	7,620	7,658	7,697	7,736	7,775	7,814
New ETs per year (excluding backlog)	-	35	35	36	36	36	36	36	37	37	37	37	38	38	38	38	38	39	39	39	39
Cumulative New ETs (excluding backlog)	-	35	70	106	142	178	214	250	287	324	361	398	436	474	512	550	588	627	666	705	744
PV (new ETs excluding backlog) 30 years @ 7% pa	-	**492**	**494**	**497**	**499**	**501**	**503**	**505**	**507**	**509**	**510**	**512**	**513**	**514**	**515**	**516**	**517**	**518**	**518**	**518**	**518**
Revenue and Expenditure																					
Rates & Charges Revenue, Trade Waste Charges, Other Sales and Charges, Pensioner Rebate Grant																					
Revenue ($'000)	(2011/12$)	**4,438**	**4,466**	**4,491**	**4,513**	**4,541**	**4,479**	**4,503**	**4,532**	**4,557**	**4,579**	**4,606**	**4,634**	**4,656**	**4,681**	**4,709**	**4,732**	**4,761**	**4,787**	**4,810**	**4,466**
OMA Expenditure ($'000)	(2011/12$)	**2,776**	**2,815**	**2,831**	**2,849**	**2,865**	**2,882**	**2,897**	**2,913**	**2,931**	**2,947**	**2,962**	**2,978**	**2,993**	**3,012**	**3,027**	**3,044**	**3,062**	**3,080**	**3,099**	**3,117**
Revenue less OMA Expenditure ($'000)		1,662	1,651	1,660	1,664	1,676	1,597	1,606	1,619	1,626	1,632	1,644	1,656	1,663	1,669	1,682	1,688	1,699	1,707	1,711	1,349
Revenue less OMA Expenditure for new ETs ($'000)		8	16	25	33	41	47	55	63	71	79	88	96	104	113	121	130	138	147	155	128
PV (Revenue less OMA Expenditure for new ETs) 30 years @ 7% pa ($'000)		**950**	**915**	**879**	**835**	**789**	**737**	**718**	**667**	**605**	**542**	**475**	**399**	**312**	**223**	**129**	**20**	**-91**	**-217**	**-351**	**-489**
Output (calculated) Reduction Amounts		**1,932**	**1,850**	**1,768**	**1,674**	**1,576**	**1,466**	**1,422**	**1,314**	**1,190**	**1,063**	**929**	**776**	**607**	**434**	**249**	**38**	**-175**	**-420**	**-677**	**-943.4**
Average Calculated Reduction for a 5 yr Period		**1,760**	**1,760**	**1,760**	**1,760**	**1,760**	**1,466**	**1,422**	**1,314**	**1,190**	**1,063**	**929**	**776**	**607**	**434**	**249**	**38**	**-175**	**-420**	**-677**	**-943.4**
% Difference Between the Input and Output		**2%**																			

Difference Greater Than 2%, Go to Next Iteration

General Notes:

1. Approximately three iterations of the financial planning model are normally required until the Ouput Reduction Amount for the first 5 years is within 2% of the Input Reduction Amount.

Developer Cha	8,100	8,100	8,100	8,100	8,100	8,394	8,438	8,546	8,670	8,797	8,931	9,084	9,253	9,426	9,611	9,822	10,035	10,280	10,537	10,803

21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	2040/41	2041/42	2042/43	2043/44	2044/45	2045/46	2046/47	2047/48	2048/49	2049/50	2050/51	2051/52	2052/53	2053/54	2054/55	2055/56	2056/57	2057/58	2058/59	2059/60	2060/61
9,858	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**	**9,858**
9,860	9,860	9,860	9,860	9,860	9,860	9,860	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858	9,858
-141	**-339**	**-568**	**-799**	**1,048**	**1,047**	**1,048**	**1,039**	**1,024**	**1,029**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**
10,000	10,200	10,430	10,660	8,810	8,810	8,810	8,820	8,830	8,830	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850
10,000	10,200	10,430	10,660	8,810	8,810	8,810	8,820	8,830	8,830	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850	8,850
20,000	20,400	20,860	21,320	17,620	17,620	17,620	17,640	17,660	17,660	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700	17,700

2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	2040/41	2041/42	2042/43	2043/44	2044/45	2045/46	2046/47	2047/48	2048/49	2049/50	2050/51	2051/52	2052/53	2053/54	2054/55	2055/56	2056/57	2057/58	2058/59	2059/60	2060/61
4,834	**4,868**	**4,902**	**4,936**	**4,971**	**5,006**	**5,041**	**5,076**	**5,112**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**	**5,148**
1,510	**1,513**	**1,516**	**1,519**	**1,522**	**1,525**	**1,528**	**1,531**	**1,534**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**	**1,537**
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
6,344	**6,381**	**6,418**	**6,455**	**6,493**	**6,531**	**6,569**	**6,607**	**6,646**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**	**6,685**
7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814	7,814
39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
783	822	861	900	939	978	1,017	1,056	1,095	1,134	1,173	1,212	1,251	1,290	1,329	1,368	1,407	1,446	1,485	1,524	1,563	1,602	1,641	1,680	1,719	1,758	1,797	1,836	1,875	1,914
518	**518**	**518**	**518**	**518**	**518**	**518**	**518**	**518**	**518**	**518**																			

4,490	**4,519**	**3,884**	**3,909**	**3,930**	**3,950**	**3,972**	**3,996**	**4,015**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**	**4,039**
3,135	**3,153**	**3,171**	**3,190**	**3,209**	**3,228**	**3,246**	**3,265**	**3,285**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**	**3,304**
1,355	1,366	713	719	721	722	726	731	730	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735
136	144	79	83	87	90	94	99	102	107	110	114	118	121	125	129	132	136	140	143	147	151	154	158	162	165	169	173	176	180
-136	**-243**	**-366**	**549**	**543**	**542**	**543**	**538**	**530**	**533**	**524**																			
-263	**-469**	**-708**	**1,060**	**1,048**	**1,047**	**1,048**	**1,039**	**1,024**	**1,029**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**
-263	**-469**	**-708**	**1,060**	**1,048**	**1,047**	**1,048**	**1,039**	**1,024**	**1,029**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**	**1,011**

Appendix D

Outline of Legislation

Source: Draft Developer Charges Guidelines for Water Supply, Sewerage and Stormwater, July 2012.

Outline of Legislation

Local Government Act 1993

The power for local government councils to levy developer charges for water supply, sewerage and stormwater derives from section 64 of the *Local Government Act 1993* by means of a cross-reference in that Act to the relevant provisions of the *Water Management Act 2000*.

Section 64 of the Local Government Act states that:

> Division 5 of Part 2 of Chapter 6 of the *Water Management Act 2000* applies to a council exercising functions under this Division in the same way as it applies to a water supply authority exercising functions under that Act.

Environmental Planning and Assessment Act 1979

Prior to the introduction of the *Local Government Act in 1993*, councils used the provisions of section 94 of the *Environmental Planning and Assessment Act 1979* to obtain developer contributions for water supply and sewerage services. As part of the *Local Government (Consequential Provisions) Act 1993*, amendment was made to the *Environmental Planning and Assessment Act* so that section 94 no longer applied for water supply and sewerage services.

However, Councils can levy developer charges for stormwater under either Local Government Act or Water Management Act.

Water Management Act 2000

Section 305 (1) of the *Water Management Act* states that:

> (1) A person may apply to a water supply authority for a certificate of compliance for development carried out, or proposed to be carried out, within the water supply authority's area.

Section 306 (2) and (3) of the Water Management Act states that:

> (2) as a pre-condition to granting a certificate of compliance for development, a water supply authority may, by notice in writing served on the applicant, require the applicant to do either or both of the following:
>
> (a) to pay a specified amount to the Authority by way of contribution towards the cost of such water management works as are specified in the notice, being existing works or projected works, or both,
>
> (b) to construct water management works to serve the development.

management works may be taken into consideration, and

(b) the amount of any government subsidy or similar payment is not to be deducted from the relevant value or cost of the water management works, and

(c) consideration is to be given to any guidelines issued for the time being for the purposes of this section by the Minister.

In 2011, the Minister for Primary Industries became responsible for non-metropolitan NSW town water services. The Minister is responsible for the issue of guidelines for water utilities on the calculation of water supply, sewerage and stormwater developer charges.

Note: Use of moneys raised from developer charges is discussed in section 2.7 on page 10 of the guidelines.

Local Government (Savings and Transitional) Regulation 1993

The Local Government (Savings and Transitional) Regulation 1993 covers the matter of developer contributions which had previously been obtained by councils under the *Environmental Planning and Assessment Act* as follows:

(9) Any monetary contribution held by a council immediately before the commencement of this Regulation, being a contribution arising from a condition:

(a) that was imposed under section 94 of the *Environmental Planning and Assessment Act 1979*; and

(b) that specifies that the contribution is to be applied towards providing specified water or sewerage services or towards providing water or sewerage services generally,

is to be applied towards the construction of works within the meaning of Division 2 of Part 3 of the *Water Supply Authorities Act 1987*, or towards the repayment of money borrowed for the construction of such works, and is not to be applied towards any other purpose.

Based in Sydney and Byron Bay, HydroScience Consulting (HSc) is an Australian consultancy dedicated to serving the water industry in Australia.

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