DEVELOPMENT SERVICING PLAN FOR WATER SUPPLY AND SEWERAGE 2017

Upper Hunter Shire Council

Document Control

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Prepared by	WaterOz Pty Ltd; A.B.N. 28 612 790 833 Email: gidi@wateroz.com.au; Telephone: 0448 480 200		
Author	Alessandra Razera		
Reviewers	Gidi Azar, Paolo Turri & Alan Fletcher		
Audited by			
Auditor			
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Planning • Design • Management

WaterOz Sydney
GIDI AZAR
0448 480 200
gidi@wateroz.com.au

EXECUTIVE SUMMARY

These Development Servicing Plans (DSPs) cover water supply and sewerage developer charges for the areas serviced by Upper Hunter Shire Council (UHSC) as shown in the maps in Appendices A and B.

This document comprises five water supply DSPs and three sewerage DSPs. The developer charges per equivalent tenement (ET) in each DSP area are summarised in the table below.

DSP Area	Calculated Developer Charge per ET		Current Developer Charge per ET	Proposed Developer Charge per ET
	2015/16	2016/17	2016/17	2016/17
Water Supply				
Murrurundi	$55,097	$55,648	$3,304	**$7,000**
Middlebrook	$17,345	$17,518	N/A	**N/A**
Scone & Aberdeen	$6,625	$6,692	$7,216	**$7,000**
Cassilis	$1,644	$1,660	$660	**$1,660**
Merriwa	$0	$0	$3,304	**$7,000**
Sewerage				
Cassilis	$28,798	$29,086	N/A	**N/A**
Scone & Aberdeen	$10,777	$10,885	$1,608	**$10,800**
Merriwa & Murrurundi	$2,331	$2,355	$1,652	**$2,300**

The charges will be indexed on 1st July each year on the basis of movements in the consumer price index (CPI) for Sydney. These DSPs will be reviewed after 5 to 6 years.

The DSPs have been prepared in accordance with the 2016 Developer Charges Guidelines for Water Supply, Sewerage and Stormwater.

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

Water supply and sewerage levels of service are included in section 6.

Developers are responsible for the full cost of the design and construction of water supply and sewerage reticulation works within their subdivisions

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1. INTRODUCTION

Upper Hunter Shire Council (UHSC) provides water supply and sewerage services within the Upper Hunter Local Government Area in NSW as a local water utility.

Developer charges cover part of the cost of providing water supply and sewerage infrastructure to new development and redevelopment. Developer charges have two related functions:

- They provide a source of funding for infrastructure required for urban development
- They provide signals regarding the cost of urban development thus encouraging 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 and sewerage. This section refers to Section 306 of the Water Management Act 2000. Outline of relevant legislation is provided in Appendix E.

A DSP is a document which details the water supply and/or sewerage developer charges to be levied on development utilising a water utility's water supply and/or sewerage infrastructure.

These DSPs cover water supply and sewerage developer charges for UHSC service areas. The

DSP areas are shown in Appendices A and B. These DSPs have the following objectives:

- Allow UHSC to require an equitable monetary contribution for the provision of water supply and sewerage services to meet the demands generated by new development and redevelopment
- Facilitate the provision of a water supply and sewerage services which meet the levels of service Set out the schedule and program of proposed works to meet increasing demands for water supply and sewerage services generated by development and redevelopment
- Detail the contribution rates and UHSC's payment policies

These DSPs have been prepared in accordance with the 2016 Developer Charges Guidelines for Water Supply, Sewerage and Stormwater. This document is to be registered with DPI Water (formerly NSW Office of Water).

These DSPs supersede previous water supply and sewerage development contributions plans. The DSPs take precedence over any of Council's codes or policies where there are any inconsistencies relating to water supply and sewerage developer charges.

2. GLOSSARY

Below is a list of some terms DSPs.

Abbreviations	Definitions
Asset	An asset (or part of an asset) including land and headwork's assets that directly provides, or will provide, the developer services to developments within the DSP area for which the Developer Charge is payable
ADWF	Average dry weather flow. One of the design parameters for flow in sewers.
Capital Charge	Capital cost of assets per ET x Return on Investment (ROI) factor
Capital Cost	The current replacement cost (MEERA basis) of assets used to service the development
CPI	Consumer Price Index
Developer Charge	A charge levied on developers to recover part of the capital cost incurred in providing services to new development and redevelopment
Development Area	That part of a water utility area covered by a particular DSP. Also referred to as a DSP Area
DPI Water	Department of Primary Industries Water. The regulator of LWUs.
DSP	Development Servicing Plan
EP	Equivalent Person
ET	Equivalent Tenement
Guidelines	Developer Charges Guidelines for Water Supply, Sewerage and Stormwater (2016)
LEP	Local Environment Plan
LGA	Local Government Area
LWU	Local water utility (NSW), a local or county council operating as water utility. In this document LWU has the same meaning as a council operating under the Local Government Act 1993
M	million
MEERA	Modern Equivalent Engineering Replacement Asset
N/A	Not Applicable
NPV	Net Present Value
OMA	Operation, maintenance and administration (costs)

Abbreviations	Definitions
Post Asset	An Asset that was commissioned on or after 1st January of the specified year or that is yet to be commissioned
Pre-Asset	An Asset that was commissioned by a water utility before 1st January of the specified year
PS	Pumping Stations
PV	Present Value
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 serviced by a separate water supply and sewerage system, a separate small town or village, or a new development of over 500 lots (Note: this is standard terminology from the Guidelines
STP	Sewage Treatment Plant
TBL	Triple Bottom Line. TBL reports are annual performance report issued by DPI Water.
TBA	To be Advised
TRB	Typical residential bill, which is the principal indicator of the overall cost of a water supply or sewerage system. It is the bill paid by a residential customer using the utility’s average annual residential water supplied per connected property, and is not a pensioner
UHSC	Upper Hunter Shire Council
WSS	Water Supply System
WTP	Water Treatment Plant

3. ADMINISTRATION

3.1 DSP Boundaries

These DSPs apply to all land in the UHSC LGA that is within the water and/or sewerage service areas and will be connected to the water supply and/or sewerage systems after development (subdivision and/or building) or redevelopment (change of use).

These include connection of land with existing residences and/or non-residential building if water and/or sewerage developer charges have not been paid previously, or where redevelopment will increase the demand on the water supply and/or sewerage infrastructure.

3.2 Application of Developer Charges

When assessing the developer charges applicable to a development or redevelopment, UHSC will assess the additional demand that the proposed development will place on the relevant water supply and/or sewerage systems in terms of ETs and will levy developer charges proportional to the number of ETs.

One ET is the demand of a standard detached residential dwelling. The minimum demand for each development is 1 ET.

3.3 Indexation of Developer Charge

The developer charges will be adjusted on 1 July each year on the basis of movements in the Consumer Price Index (CPI) for Sydney as published by the Australian Bureau of Statistics.

3.4 Payment of Developer Charges

Developer charges apply to all building and development activities where UHSC determines that these activities increase the demand for water supply and/or sewerage services, whether or not such activities require development consent.

When a development application or a building application is lodged, UHSC will assess the water supply and sewerage developer charges payable for the development as described in Section 3.2 and will issue a notice of payment. The notice may be a condition of the development consent, or a separate notice.

If payment is not received by Council within 3 months of the date of notice of payment, the charge will be adjusted in accordance with the developer charges current at the time of payment.

For the subdivision of land, contributions must be paid prior to the issue of the Subdivision Certificate and/or release of linen plan.

For the erection or extension of commercial/industrial buildings or multiple residential dwelling units etc., contributions must be paid prior to the issue of the Construction Certificate.

Payment of a developer charge is a precondition to granting a compliance certificate under Section 305 of the Water Management Act 2000 or a construction certificate under Section 109 of the Environmental Planning and Assessment Act 1979, which must be obtained to complete a development.

3.5 Development outside the Boundaries of the DSP

If a development occurs outside the boundaries of the DSP, Council may take any of the actions described below.

- Apply the developer charges adopted for any DSP within UHSC to the development.
- Prepare a new DSP for the development.
- Enter a special agreement with the developer.

3.6 Exemption from Developer Charges

Under Section 306 (4) and (5) of the Water Management Act 2000, the Minister for Planning may make a determination in regard to developer charges levied on Crown development.

Crown developments for essential community services (education, health, community services, and law and order) are exempt from general developer charges. Water utilities may charge these developments only for that portion of the direct connection cost (e.g. for a lead- in main) relating to Crown development.

3.7 Review of DSPs

These DSPs shall be reviewed every 5 to 6 years. A shorter review period is permitted if a major change in circumstances occurs.

4. DEMOGRAPHIC & LAND USE PLANNING INFORMATION

4.2 Water ETs

The average water demand of a single detached residential property is defined as the demand for one equivalent tenement (ET). For other types of development, the number of ETs is determined as the ratio of the estimated annual water demand for the development divided by the average water demand of 1 ET.

The UHSC's water services are divided into five service areas. The 2014/15 ETs are estimated based on 2014/15 water consumption data provided by Council as summarised in Table 1. Middlebrook is not currently serviced with drinking water, however Council has included provision of water infrastructure to Middlebrook in its 10 year capital works program. Council's adopted growth rates used to estimate the future ETs are listed in Table 2.

Table 1: 2014/15 Water ETs

Service Areas	2014/15 Total Water Demand (ML/year)*	Average Annual Water Demand per ET (kL/year/ET)**	2014/15 ETs
Scone & Aberdeen	1,766	306	5,771
Merriwa	294	306	960
Cassilis	12	306	39
Murrurundi	78	306	255
Middlebrook	N/A		72***

(Source: *2014/15 Consumption data provided by Council, 7 November 2016; **2014/15 TBL report; ***email from Council 19 October 2016)

Table 2: Water ETs Projection

Service Area	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Middlebrook
Annual Growth Rate*	0.32%	0.45%	1 ET every 5 years	0.18%	2 ETs per year
2014/15	5771	960	39	255	72
2015/16	5790	964	39	255	74
2016/17	5808	969	39	256	76
2017/18	5827	973	39	256	78
2018/19	5845	977	39	257	80
2019/20	5864	982	40	257	82

Service Area	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Middlebrook
Annual Growth Rate*	**0.32%**	**0.45%**	**1 ET every 5 years**	**0.18%**	**2 ETs per year**
2020/21	5883	986	40	258	84
2021/22	5902	991	40	258	86
2022/23	5921	995	40	259	88
2023/24	5940	1000	40	259	90
2024/25	5959	1004	41	260	92
2025/26	5978	1009	41	260	94
2026/27	5997	1013	41	260	96
2027/28	6016	1018	41	261	98
2028/29	6035	1022	41	261	100
2029/30	6055	1027	42	262	102
2030/31	6074	1031	42	262	104
2031/32	6093	1036	42	263	106
2032/33	6113	1041	42	263	108
2033/34	6132	1045	42	264	110
2034/35	6152	1050	43	264	112
2035/36	6172	1055	43	265	114
2036/37	6191	1060	43	265	116
2037/38	6211	1064	43	266	118
2038/39	6231	1069	43	266	120
2039/40	6251	1074	44	267	122
2040/41	6271	1079	44	267	124
2041/42	6291	1084	44	268	126
2042/43	6311	1089	44	268	128
2043/44	6332	1093	44	269	130
2044/45	6352	1098	45	269	132
Total new ETs in 30 years	**581**	**138**	**6**	**14**	**60**

(Source:* Data provided by Council, 17 March 2016)

4.3 Sewerage ETs

The UHSC's sewerage services are divided into five service areas. The 2014/15 ETs are estimated as a ratio of total average dry weather flow (ADWF) in each service area and the volume of sewage collected per property. The sewage discharge from a single detached residential property is defined as the sewage discharge from one ET.

UHSC 2014/15 estimated sewerage ETs are summarised in Table 3. Cassilis is not currently serviced with sewer, however Council has included provision of sewer infrastructure to Cassilis in its 10 years capital works program. Council's adopted growth rates used to estimate the future ETs are listed in Table 4.

Table 3: 2014/15 Sewerage ETs

Service Area	2014/15 Total ADWF* (ML/year)	2014/15 Sewage Discharge per ET** (kL/year/ET)	2014/15 ETs
Scone	587	210	2,796
Aberdeen	178	210	848
Merriwa	65	210	310
Murrurundi	70	210	333
Cassilis	N/A		61***

(Source: *sewer inflow data provided by Council, 17 March 2016; **2014/15 TBL Report; *** Number of residential and non-residential ETs provided by Council, 26 October 2016)

Table 4: Sewerage ETs Projection

Service Area	Scone	Aberdeen	Merriwa	Murrurundi	Cassilis
Annual Growth Rate*	0.34 %	0.23%	0.45%	0.18%	1 ET every 5 years
2014/15	2796	848	310	333	61
2015/16	2806	850	311	334	61
2016/17	2815	852	312	335	61
2017/18	2825	853	314	335	61
2018/19	2834	855	315	336	61
2019/20	2844	857	317	336	62
2020/21	2854	859	318	337	62
2021/22	2863	861	319	338	62
2022/23	2873	863	321	338	62
2023/24	2883	865	322	339	62
2024/25	2893	867	324	339	63

Service Area	Scone	Aberdeen	Merriwa	Murrurundi	Cassilis
Annual Growth Rate*	**0.34 %**	**0.23%**	**0.45%**	**0.18%**	**1 ET every 5 years**
2025/26	2903	869	325	340	63
2026/27	2912	871	327	341	63
2027/28	2922	873	328	341	63
2028/29	2932	875	330	342	63
2029/30	2942	877	331	342	64
2030/31	2952	879	333	343	64
2031/32	2962	881	334	344	64
2032/33	2972	883	336	344	64
2033/34	2982	885	337	345	64
2034/35	2993	887	339	346	65
2035/36	3003	890	340	346	65
2036/37	3013	892	342	347	65
2037/38	3023	894	343	347	65
2038/39	3034	896	345	348	65
2039/40	3044	898	346	349	66
2040/41	3054	900	348	349	66
2041/42	3065	902	349	350	66
2042/43	3075	904	351	351	66
2043/44	3085	906	353	351	66
2044/45	3096	908	354	352	67
Total new ETs in 30 years	**300**	**60**	**45**	**18**	**6**

(Source: * Data provided by Council, 17 March 2016)

4.4 Land Use Information

These DSPs for water supply and sewerage should be read in conjunction with the Local Environment Plan (LEP), Development Control Plan (DCP) and other planning instruments used by UHSC.

5. INFRASTRUCTURE

UHSC operates four water supply systems. Council is developing plans to supply drinking water to Middlebrook. These DSPs include five water supply service areas as listed below.

- Scone and Aberdeen
- Merriwa
- Cassilis
- Murrurundi
- Middlebrook

The current and future areas serviced by UHSC WSSs are shown in the maps included in Appendix A.

5.2 Shared Assets

Currently, each water supply system operates individually. However, Council is in the process of connecting Murrurundi WSS with the Scone & Aberdeen WSS. The pipeline connecting Murrurundi to Scone & Aberdeen is expected to be completed by 2017/18. Therefore Scone & Aberdeen headwork facilities (i.e. pipeline from Glenbawn Dam, chlorination system, balance tank, etc.) will be shared with Murrurundi.

Council's capital works program includes servicing Middlebrook within the next 10 years. Water will be transferred from Scone & Aberdeen WSS to Middlebrook. Some assets in the Scone & Aberdeen WSS will be shared with Middlebrook WSS.

The capital charge per ET from the shared assets is applied to all the areas served by the shared asset.

5.3 Existing Assets

All the existing assets servicing UHSC water supply service areas are included in the capital charge calculations except for the following:

Assets that are more than 30 years old at the commencement of the DSP

Reticulation assets which are typically paid for by developers. Reticulation assets are defined as the local pipes providing water supply to individual properties.

The existing assets servicing the areas covered by the water supply DSPs are listed in Table 1 of Appendix C (UHSC 2016 DSP Background Document for Water Supply). A summary of the existing assets is provided in Table 5.

Table 5: Water Supply Existing Assets

Service Areas	Current Replacement Cost (2015/16 $'000)	
	Total Assets Value	Assets Value Included in DSPs*
Scone & Aberdeen	33,459	14,989
Merriwa	6,928	1,591
Cassilis	2,067	0
Murrurundi	9,922	3,295
Shared 1 – Scone/Aberdeen, Murrurundi and Middlebrook	14,568	14,189
Shared 2 – Scone/Aberdeen and Middlebrook	5,562	3,933

Note: *Excluding reticulation and assets older than 30 years
(Source: UHSC Water and Sewerage Asset Registers, October 2016)

5.4 Future Capital Works Program

According to the Guidelines, the calculation of capital charge includes the cost for new works planned within the next 10 years, excluding reticulation. If Council has developed detailed plans beyond 10 years, capital cost of those items can be considered for the capital charge calculation. In these DSPs, 10 years of new works are included in the calculations.

Capital works for renewals planned within the next 10 years may be included if the existing asset is older than 30 years and/or have been removed from the asset register. For this DSP it has been assumed that the capital works for renewals are assigned to assets older than 30 years and are therefore included in the calculation.

The 10 year capital works program required to provide water supply services to the UHSC service areas are provided in Table 2 of Appendix C (UHSC 2016 DSP Background Document for Water Supply).

A summary of the water supply capital works program is provided in Table 6.

Table 6: Summary of Water Supply 10 Year Capital Works

Service Area	Estimated Cost (2015/16 $'000)		
	Renewals	New Work	Total
Scone & Aberdeen	6,166	431	6,597
Merriwa	749	82	831
Cassilis	176	80	256
Murrurundi	687	10,039	10,726
Middlebrook	0	2,390	2,390
Shared 1 – Scone/Aberdeen, Murrurundi and Middlebrook	0	15,180	15,180
Shared 2 – Scone/Aberdeen and Middlebrook	0	0	0

(Source: UHSC Water Capital Works Program, October 2016)

The 10 year capital works program for water supply is shown in Figure 1. Timing of works and expenditure is to be reviewed and updated when required.

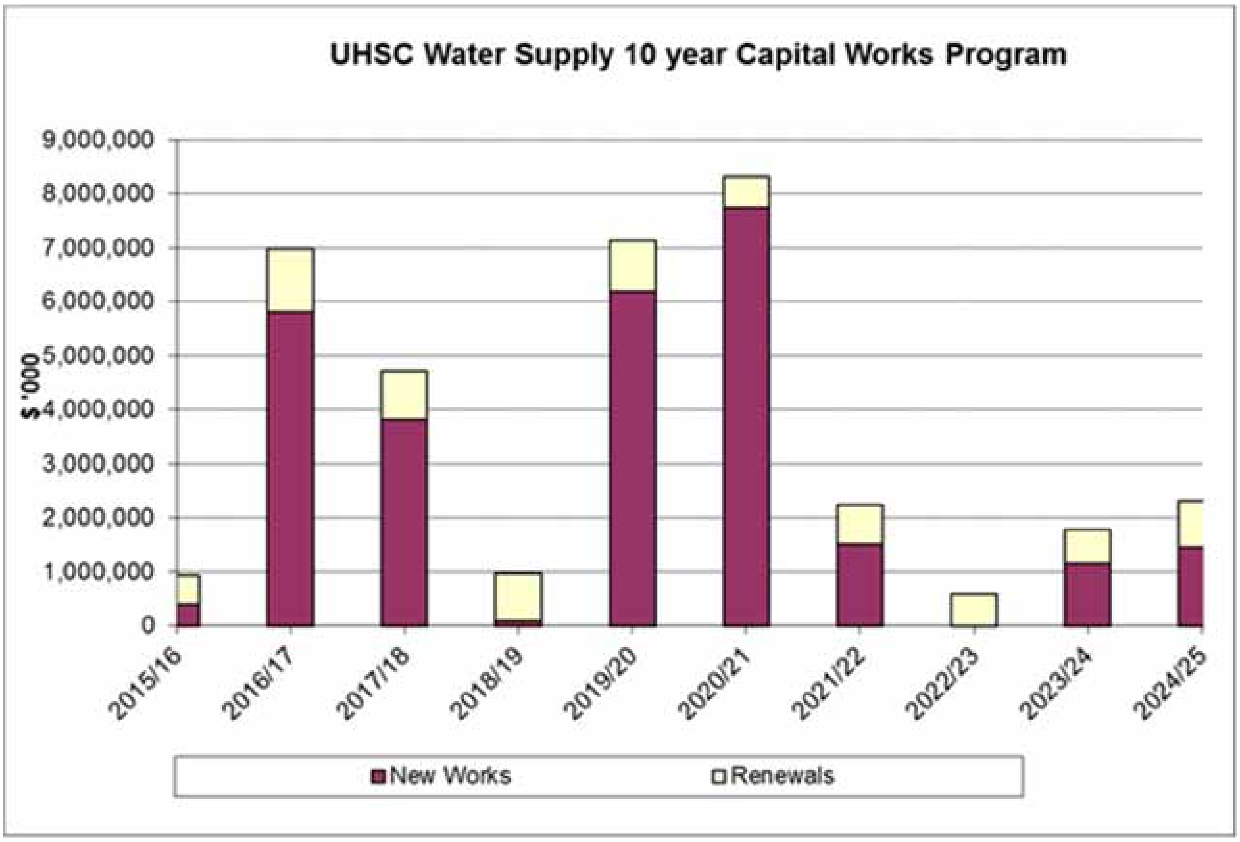


Figure 1: UHSC Water Supply 10 Year Capital Works Program

5.5 Sewerage

UHSC operates four sewerage systems. Council plans to provide sewerage services in Cassilis within the next 10 years. These DSPs include five sewerage service areas as listed below.

- Scone
- Aberdeen
- Merriwa
- Murrurundi
- Cassilis

The current and future areas serviced by UHSC sewerage systems are shown in maps included in Appendix B.

5.6 Existing Assets

All the existing assets serving UHSC sewerage service areas are included in the capital charge calculations except for the following:

- Assets more than 30 years old at the commencement of the DSP
- Reticulation assets which are typically paid for by developers. Reticulation assets are defined as the local pipes connecting individual properties.

The existing assets servicing the area covered by the sewerage DSPs are listed in Table 1 of Appendix D (UHSC 2016 DSP Background Document for Sewerage). A summary of the existing assets is provided in Table 7.

Table 7: Sewerage Existing Assets

Service Areas	Current Replacement Cost (2015/16 $'000)	
	Total Assets Value	Assets Value Included in DSPs*
Scone	37,901	14,293
Aberdeen	12,626	5,360
Merriwa	8,417	192
Murrurundi	7,892	569

Note: * Excluding reticulation and assets older than 30 years
(Source: UHSC Water and Sewerage Asset Registers, October 2016)

5.7 Future Capital Works Program

According to the Guidelines, the calculation of capital charge includes capital cost for new works planned within the next 10 years, excluding reticulation. If Council has developed detailed plans beyond 10 years, capital cost of those items can be considered for the capital charge calculation. In these DSPs, 10 years of new works are included in the calculations.

Capital works for renewal planned within the next 10 years may be included if the existing asset is older than 30 years and/or have been removed from the asset register. For these DSPs it has been assumed that the capital works for renewals are assigned to assets older than 30 years and are therefore included in the calculation.

The 10 year capital works program required to provide sewerage services to the UHSC sewerage service areas are provided in Table 2 of Appendix D (UHSC 2016 DSP Background Document for Sewerage).

A summary of sewerage capital works program is provided in Table 8.

Table 8: Summary of Sewerage 10 Year Capital Works (2015/16 $'000)

Service Area	Estimated Cost (2015/16 $'000)		
	Renewals	New Works	Total
Scone	4,586	6,250	10,836
Aberdeen	1,482	85	1,567
Merriwa	882	32	914
Murrurundi	816	50	866
Cassilis	0	2,200	2,200

(Source: UHSC Sewerage Capital Works Program, October 2016)

The 10 year capital works program for sewerage is shown in Figure 2. Timing of works and expenditure are to be reviewed and updated when required.

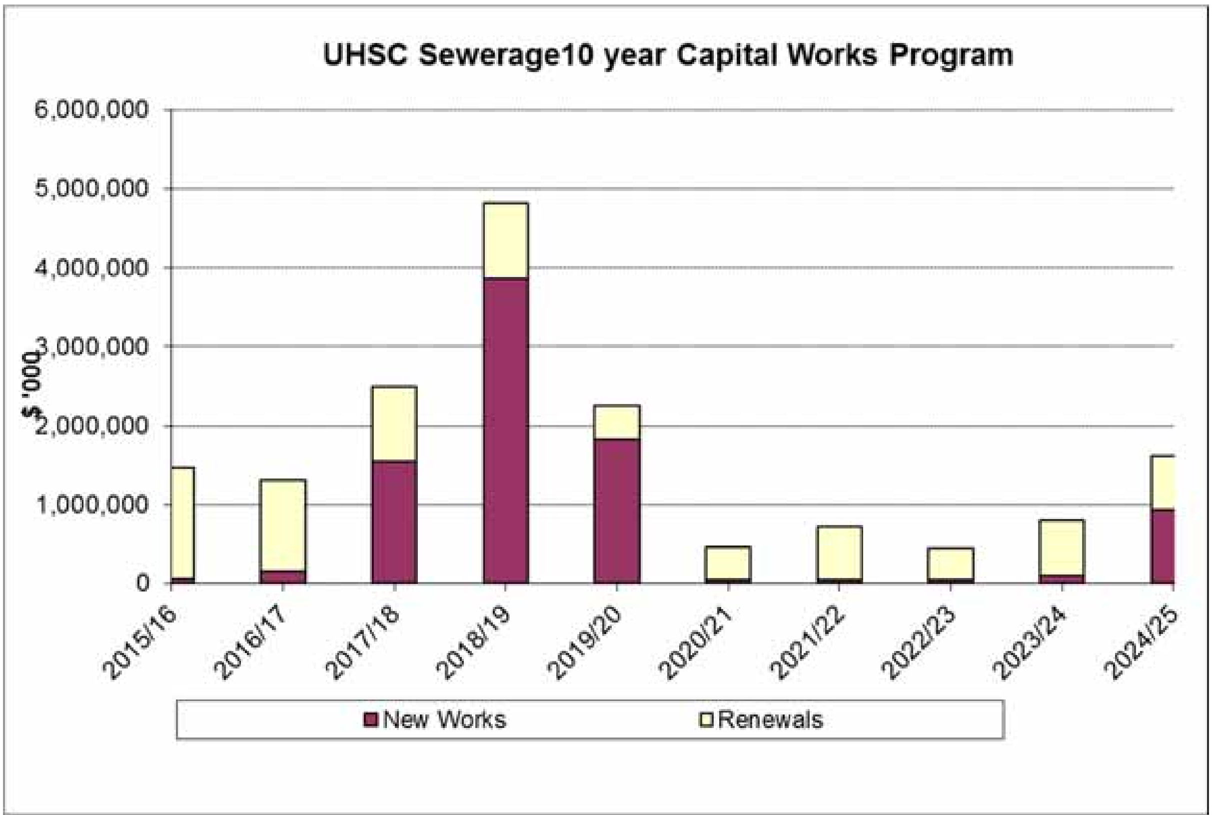


Figure 2: UHSC Sewerage 10 Year Capital Works Program

6. LEVELS OF SERVICE

6.1 Water Supply

The target levels of service (LOS) applied to UHSC's water supply schemes are listed in Table 9.

Table 9: Levels of Service for Water Supply

Description	Unit	Level of Service Target
Service Area		
Connection time for a new service in serviced areas (90% of the time)	Days	15
Availability of Supply		
Pressure:		
Min. pressure when delivering 6 L/min	Meters head	12
Max. static pressure	Meters head	90

Demand:		
Full Supply	L/ Tenement/ day	4,000
Reduced Supply	L/ Tenement/ day	1,000
Consumption Restrictions in Drought:		
Average duration of restrictions	% of time/10 years	< 5% of the time (6 months)
Average frequency of restrictions	No./10 years	1
Provision of 80 % of normal demand though a repeat of the worst drought on record	Restriction as % of normal usage	20%
Fire Fighting: Water will be available from the reticulation fire hydrants for the purpose of fire fighting in accordance with local Government guidelines and NSW fire brigade conditions for specific developments	% of area serviced	100%
Supply Interruption		
Description	**Unit**	**Level of Service Target**
Planned (95% of time):		
Notice given to domestic customers	Hours	24
Notice given to commercial customers	Hours	24
Notice given to major industrial customers	Days	7
Unplanned:		
Duration (don’t last longer than)	Hours	12
Frequency	No./year	10
Response Times to Supply Failures (commence rectification after notification)		
All Customers:		
During working hours	Hours	1
Out of working hours	Hours	2

Response Time to Complaints and General Inquiries (95%)		
Respond to personal or oral complaints	Working day	1
Respond to written complaints	Working day	10
Water Quality (In accordance with the Drinking Water Quality Guidelines of Australia, 2011, published jointly by the National Health and Medical Research Council (NHMRC) and National Resource Management Ministerial Council)		
Physical and chemical testing	In accordance with NSW Health requirement	
Microbiological Parameters:		
Total coliforms – 95% of samples	Cfu/100 ml	0
Maximum in any sample	Cfu/100 ml	10
E.coli (in any sample)	Cfu/100 ml	0
Physico-Chemical Parameters	As required by Health and ADWG	

Note: The Levels of Service are the targets, which Council aims to meet; they are not intended as a formal customer contract.
(Source: UHSC Strategic Business Plan Water Supply and Sewerage, 2010-11)

6.2 Sewerage

The target levels of service (LOS) applied to UHSC's sewerage schemes are listed in Table 10.

Table 10: Levels of Service for Sewerage

Description	Unit	Level of Service Target
Availability of Service		
Connections for domestic sewage should be provided to all houses, units or businesses within the defined service area.	% Designated service area	100%
System Failures		
Category One: Failure due to rainfall and deficient capacity (overflows)	No/5 year	5

Category Two: Failure due to pump or other breakdown including power failure	No/year	2
Category Three: Failure due to main blockages and collapses (e.g. tree roots)	No/year	200
Response Times for System Failures (commence rectification after notification)		
Priority 1: defined as Major spill, significant environmental or health impact or affecting large number of customers i.e. a major main		
Respond time during working hours	Minutes	60
Respond time during after working hours	Minutes	120
Priority 2: defined as Moderate spill, some environmental or health impact or affecting number of customers		
Respond time during working hours	Minutes	60
Description	**Unit**	**Level of Service Target**
Respond time during after working hours	Minutes	120
Priority 3: defined as 'Minor spill, little environmental impact or affecting a couple of customers		
Respond time during working hours	Hours	24
Respond time during after working hours	Hours	24
Response Times to Complaints & General Inquiries (95%)		
Written complaints	Working days	5
Oral complaints	Working days	1
Odour Complaints		

Treatment works	No/year	<2
Pumping stations	No/year	<4
Effluent discharge and sludge management failure to meet licence limit and statutory requirement	No of samples/year	<2

Note: The Levels of Service are the targets, which Council aims to meet; they are not intended as a formal customer contract.
(Source: UHSC Strategic Business Plan Water Supply and Sewerage, 2010-11)

7 DESIGN PARAMETERS

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

- Council's levels of service (Refer to section 6 above)
- Water Supply Investigation Manual (1986)
- WSAA water supply code of Australia – WSA 03 2002
- AUSPEC design specifications for water supply

Investigation, design and construction of sewerage components are based on:

- Council's levels of service (Refer to section 6 above)
- Manual of Practice: Sewer Design (1984)
- Manual of Practice: Sewage Pumping Station Design (1986)
- WSAA Sewerage Code of Australia – WSA 02-2002
- WSAA Sewerage Pumping Code of Australia – WSA 04 - 2001
- WSAA Pressure Sewerage Code of Australia – WSA 07 - 2007

8. DEVELOPER CHARGES METHODOLOGY

8.1 Capital Charge

The capital charges are based on the existing and future assets providing the services in these areas. The capital charge is calculated per ET by dividing Present Value (PV) of the effective capital cost of the assets by the PV of new ETs. Effective capital cost is the percentage of capital cost utilised by the post 1995/96 ETs.

Capital Charge = PV of Effective Capital Cost / PV of New ETs

The outcomes of water supply capital charges calculation are provided in Table 3 in Appendix C and summarised in section 9. The outcomes of sewerage capital charges calculations are provided in Table 3 in Appendix D and summarised in section 10.

Generally, the capacity of an asset would not be fully utilised until some years after construction of the asset. The capital charge calculation takes account of the period to full take-up of the capacity of the asset.

The Return on Investment (ROI) is based on the holding cost of early investment and recovery of the cost over time. The annual payments have to provide a return on the investment to reflect the discounting of future payments. In accordance with IPART's Determination 9, 2000, the capital charges are calculated based on the discount rates listed in Table 11.

Table 11: Discount Rates Used in the Capital Charge Calculation

Assets	Discount Rate
Pre-1996 assets	3% pa
Post 1996 assets	5% pa

8.2 Exclusions

The developer charges do not cover the costs of reticulation and assets more than 30 years old.

UHSC does not levy charges for the construction of reticulation pipework upon completion of the development.

8.3 Reduction Amount

The reduction amount represents the portion of the cost of assets that UHSC expects to recover through its annual bills to the new developments.

Council has adopted the Net Present Value (NPV) of annual bills method to calculate the reduction amount. This method calculates the reduction amount as the NPV of 30 years net income from annual charges (revenue from annual bills less OMA) for the development area.

8.4 Developer Charges and Implementation

Developer charge is the capital charge minus the reduction amount. The outcomes of the water supply and sewerage developer charges calculations are included in sections 9 and 10 respectively.

Developer Charge = Capital Charge - Reduction Amount

8.5 Levying Lower Charges

In setting the developer charges, UHSC may consider financial, social and environmental factors to determine a level of developer charges that is balanced, fair and meet Council's objectives.

Council may adopt developer charges that are lower than the calculated developer charges. UHSC water supply and sewerage adopted developer charges are provided in sections 9.3 and 10.3 respectively.

Adopting developer charges that are lower than the calculated amount means that existing residents subsidise new development. The extent of this cross subsidy needs to be disclosed in the DSP.

9 WATER SUPPLY DSPs

9.1 Scope

The water supply services are divided into five service areas. The boundaries of the water supply service areas considered in this DSP are shown in Appendix A.

9.2 Capital Charge

All the existing assets (excluding assets older than 30 years and reticulation) and future capital works (10 years) required to service UHSC water service areas have been included in the calculation of the capital charge. The assets (existing and new) that will be shared between two or more service areas have been identified. The capital charge component of the shared assets is the same for the service areas sharing those assets.

The percentage of capital cost of assets utilised by new ETs after 1995/96 are considered for the capital charge calculation. The calculated capital charges for the water supply service areas are summarised in Table 12 and Table 13. Detailed calculation is provided in Table 3 of Appendix C.

Table 12: Water Supply Effective Capital Cost

Service Areas	Capital Cost (2015/16 $'000)			% of Capital Cost Utilised by New ETs (1995/96 to 2044/45)	Effective Capital Cost (2015/16 $'000)		
	Pre 1996 Existing Assets	Post 1996 Existing Assets	10 Year Future Capital Works		Pre 1996 Existing Assets	Post 1996 Existing Assets	10 Year Future Capital Works
Scone & Aberdeen	2,259	12,730	6,597	14.8%	334	1,882	975
Merriwa	328	1,263	831	20.1%	66	242	167
Cassilis	0	0	256	21.1%	0	0	54
Murrurundi	2,201	1,094	10,726	9.0%	189	22	923
Middlebrook	0	0	2,390	100%	0	0	2,390
Shared 1*	0	14,189	15,180	15.6%	0	2,020	2,375
Shared 2*	1,625	2,308	0	15.9%	259	368	0

Note: Rounding errors may apply
*Assets that will service more than one area:
Shared 1 – Scone/Aberdeen, Murrurundi and Middlebrook
Shared 2 – Scone/Aberdeen and Middlebrook

Table 13: Water Supply Capital Charge

Service Area	PV of Effective Capital Cost (2015/16 $000)			PV of new ETs		Capital Charge per ET (2015/16 $)		
	Pre-1996 Assets (Exist.)	Post 1996 Assets (Exist.)	Post 1996 Assets (New+ Renew-als)	@ 3%	@ 5%	Pre-1996 Assets (Exist.)	Post 1996 Assets (Existing + new)	Total
Scone & Aberdeen	334	986	300	489	350	684	3,680	4,363
Merriwa	66	129	52	114	81	579	2,222	2,801
Cassilis	0	0	16	5	3	0	4,861	4,861
Murrurundi	189	14	321	12	9	15,599	38,411	54,010
Middlebrook	0	0	593	62	39	0	15,083	15,083

Shared 1*	0	979	713	549	393	0	4,305	4,305
Shared 2*	259	265	0	537	384	482	692	1,172
Scone & Aberdeen (including Shared 1 and 2)								9,843
Murrurundi (including Shared 1)								58,315
Middlebrook (including Shared 1 and 2)								20,562

Note: Rounding errors may apply
*Assets that will service more than one area:
Shared 1 – Scone/Aberdeen, Murrurundi and Middlebrook
Shared 2 – Scone/Aberdeen and Middlebrook

9.3 Developer Charge

Where the capital charges of two or more service areas are within 30%, they are agglomerated into a single DSP. No agglomeration applied for UHSC water supply service areas. Hence, UHSC water supply has five DSPs.

Developer charge is the capital charge minus the reduction amount. Developer charge detailed calculation is provided in Table 4 in Appendix C.

The reduction amount calculation methodology is provided in section 8.3 and detailed calculation is provided in Table 5 of Appendix C.

UHSC water supply calculated developer charges are summarised in Table 14 and the proposed developer charges are summarised in Table 15.

Table 14: Water Supply Calculated Developer Charge (2015/16)

DSP	Capital Charge 2015/16	Reduction Amount	Calculated Developer Charge 2015/16	Current Developer Charge 2016/17*
	per ET			
Murrurundi	$58,315	$3,217	$55,097	$3,304
Middlebrook	$20,562		$17,345	N/A
Scone & Aberdeen	$9,843		$6,625	$7,216
Cassilis	$4,861		$1,644	$660
Merriwa	$2,801		$0	$3,304

Note: *This column will be deleted in the final report

Table 15: Water Supply Council Proposed Developer Charge (2016/17)

DSP	Calculated Developer Charge per ET		Council Proposed Developer Charge per ET
	2015/16	2016/17*	2016/17

Murrurundi	$55,097	$55,648	$7,000
Middlebrook	$17,345	$17,518	N/A
Scone & Aberdeen	$6,625	$6,692	$7,000
Cassilis	$1,644	$1,660	$1,660
Merriwa	$0	$0	$7,000

Note: *2016/17 Developer Charge is calculated using Sydney CPI for June 2015 to June 2016 of 1% TBA - To be advised by Council

9.4 Water Supply Cross-Subsidy

The calculated developer charges are the maximum values that may be levied. Council may elect to levy less than the calculated amounts. When a LWU elects to levy lower developer charges than the calculated value, the annual charges will need to fund the difference in income.

The cross subsidy from annual charges (i.e. typical residential bill) to developer charges need to be disclosed in the DSP.

10 SEWERAGE DSPs

10.1 Scope

The sewerage services are divided into five service areas. The boundaries of the sewerage service areas considered in this DSP are shown in Appendix B.

10.2 Capital Charge

All the existing assets (excluding more than 30 years old assets and reticulation) and new capital works (10 years) required to provide sewerage services have been included in the capital charge calculation.

The percentage of capital cost of assets utilised by new ETs after 1995/96 are considered for the capital charge calculation. The calculated capital charges for each service area are summarised in Table 16 and Table 17. Detailed calculation is provided in Table 3 of Appendix D.

Table 16: Sewerage Effective Capital Cost

Service Areas	Capital Cost (2015/16 $'000)			% of Capital Cost Utilised by New ETs (1995/96 to 2044/45)	Effective Capital Cost (2015/16 $'000)		
	Pre 1996 Existing Assets	Post 1996 Existing Assets	10 Year Future Capital Works		Pre 1996 Existing Assets	Post 1996 Existing Assets	10 Year Future Capital Works
Scone	9,470	4,823	10,836	15.6%	1,480	754	1,694
Aberdeen	5,193	167	1,567	11.1%	574	18	173
Merriwa	46	146	914	20.1%	9	29	184
Murrurundi	7	561	866	9.0%	0.6	48	74
Cassilis	0	0	2,200	100%	0	0	2,200

Note: Rounding errors may apply

Table 17: Sewerage Capital Charge

Service Area	PV of Effective Capital Cost (2015/16 $000)			PV of new ETs		Capital Charge per ET (2015/16 $)		
	Pre-1996 Assets (Exist.)	Post 1996 Assets (Exist.)	Post 1996 Assets (New+ Renew-als)	@ 3%	@ 5%	Pre-1996 Assets (Exist.)	Post 1996 Assets (Existing +new)	Total
Scone	1,480	517	534	251	180	5,886	5,844	11,730
Aberdeen	574	7	56	52	37	11,140	1,713	12,854
Service Area	PV of Effective Capital Cost (2015/16 $000)			PV of new ETs		Capital Charge per ET (2015/16 $)		
	Pre-1996 Assets (Exist.)	Post 1996 Assets (Exist.)	Post 1996 Assets (New+ Renew-als)	@ 3%	@ 5%	Pre-1996 Assets (Exist.)	Post 1996 Assets (Existing +new)	Total
Merriwa	9	18	57	37	26	251	2,849	3,100
Murrurundi	0.6	26	23	16	11	38	4,329	4,368
Cassilis	0	0	721	36	24	0	29,940	29,940

Note: Rounding errors may apply

10.3 Developer Charge

When the capital charges for two or more service areas are within 30%, they are agglomerated into a single DSP. Two agglomerations were required: Scone and Aberdeen are agglomerated into one DSP and Murrurundi and Merriwa were also required to agglomerate into one single DSP.

Developer charge is the capital charge minus the reduction amount. The reduction amount calculation methodology is provided in section 8.3 and the calculation is provided in Table 5 of Appendix D.

UHSC sewerage calculated developer charge is provided in Table 18, Table 19 and Table 20.

Table 18: Sewerage Weighted Capital Charge

Service Area	Capital Charge 2015/16 per ET	DSP	PV of New ETs	Weighted Capital Charge for each DSP area 2015/16 per ET
Cassilis	$29,940	SDSP1	61	$29,940
Aberdeen	$12,854	SDSP2	31	$11,920
Scone	$11,730		152	

Murrurundi	$4,368	SDSP3	9	$3,474
Merriwa	$3,100		23	

* Scone and Aberdeen agglomerated into single DSP area

Table 19: Sewerage Developer Charge (2015/16)

DSP Areas	Weighted Capital Charge	Reduction Amount	Calculated Developer Charge 2015/16	Current Developer Charge 2016/17*
	per ET			
Cassilis	$29,940	$1,142	$28,798	N/A
Scone & Aberdeen	$11,920		$10,777	$1,608
Murrurundi & Merriwa	$3,474		$2,331	$1,652

Note: * This column will be deleted in the final report

Table 20: Sewerage Developer Charge (2016/17)

DSP Areas	Calculated Developer Charge per ET		Council Proposed Developer Charge per ET
	2015/16	2016/17*	2016/17
Cassilis	$28,798	$29,086	N/A
Scone & Aberdeen	$10,777	$10,885	$10,800
Murrurundi & Merriwa	$2,331	$2,355	$2,300

Note: *2016/17 Developer Charge is calculated using Sydney CPI for June 2015 to June 2016 of 1%

10.4 Sewerage Cross-Subsidy

According to the Guidelines, the calculated developer charges are the maximum values that may be levied. The utility may elect to levy less than the calculated amounts. When a LWU elects to levy lower developer charges than the calculated value, the annual charges will need to fund the difference in income.

The cross subsidy from annual charges (i.e. typical residential bill) to developer charges need to be disclosed in the DSP.

11. REVIEWING/UPDATING OF CALCULATED DEVELOPER CHARGES

Developer charges relating to these DSPs shall be reviewed every 5 to 6 years. 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 required 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.

12. BACKGROUND DOCUMENTS

Background information and calculations related to these DSPs are available in the following documents:

- Developer Charges Guidelines for Water Supply, Sewerage and Stormwater - 2016, published by Department of Primary Industries, DPI Water
- UHSC 2016 DSP Background Document for Water Supply (Appendix C)
- UHSC 2016 DSP Background Document for Sewerage (Appendix D)
- UHSC Water Supply Draft TBL Performance Report (2014/15)
- UHSC Sewerage Draft TBL Performance Report (2014/15)
- UHSC Strategic Business Plans for Water Supply and Sewerage Services (2010-11)
- UHSC Development Servicing Plans for Water (2006)
- UHSC Development Servicing Plans for Sewerage (2006)
- UHSC Special Schedules 3 to 6, June 2015

Note: The background documents contain detailed calculations for the capital charges, reduction amount and developer charges, including asset commissioning dates, size/length of assets, MEERA valuation of assets, 10 years capital works program, assets capacities.

13 OTHER DSPs & RELATED CONTRIBUTION

Other related plans include:

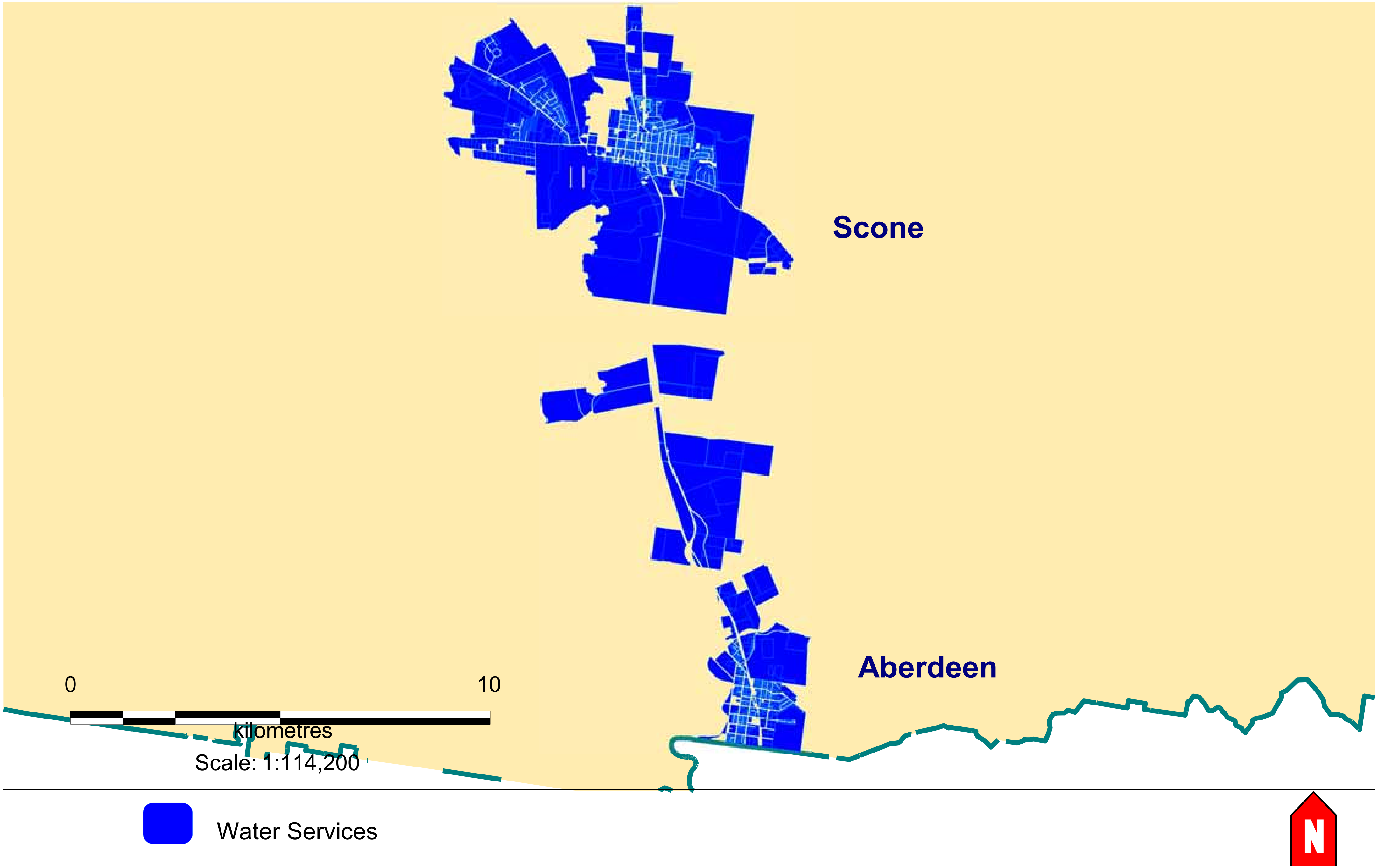
- S94 plans developed by Upper Hunter Shire Council

APPENDICES

APPENDIX A

WATER SUPPLY SERVICE AREA MAP

Water Services - Scone & Aberdeen

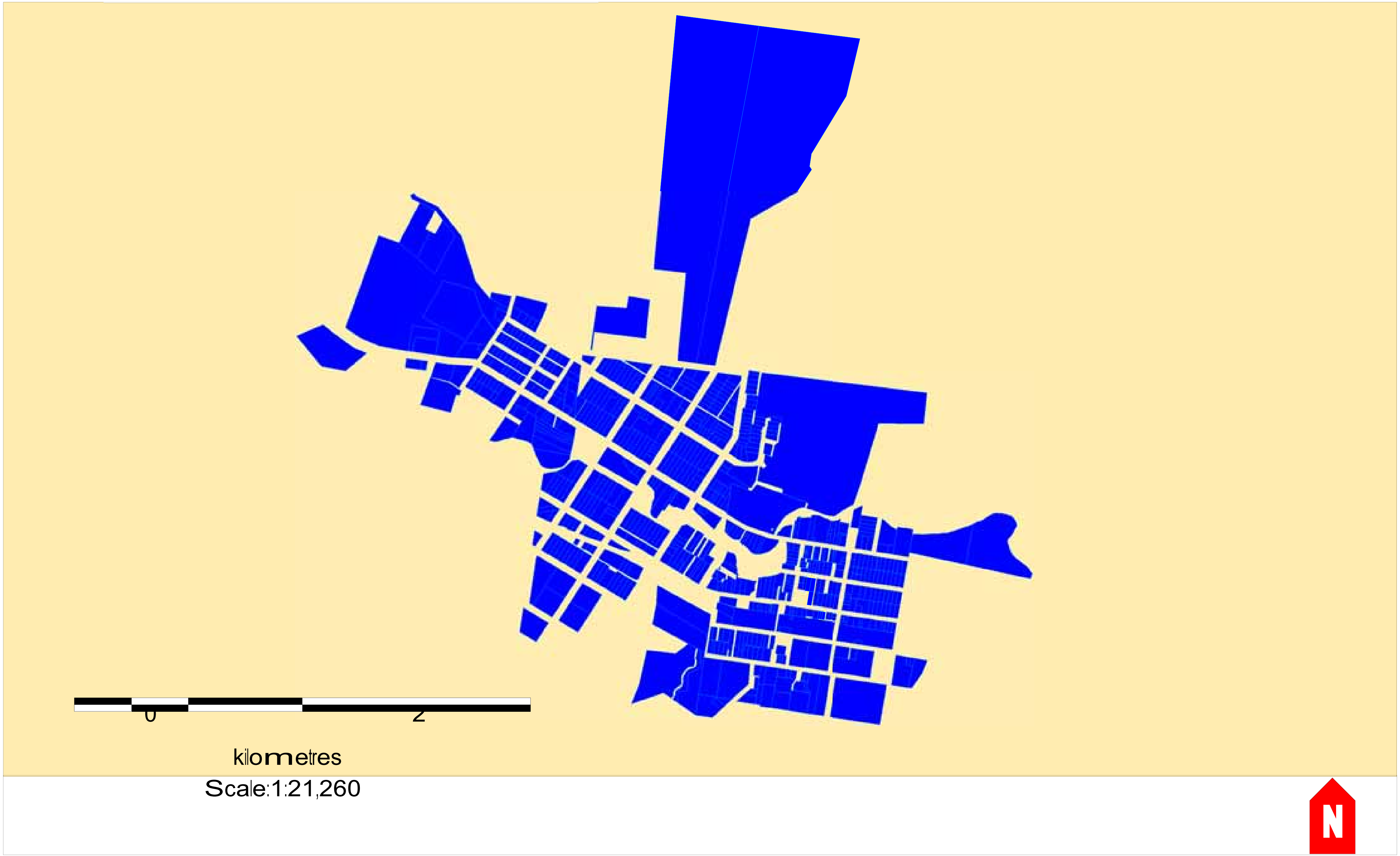


Water Services - Merriwa

Water Services - Cassilis

Water Services

Water Services - Murrurundi



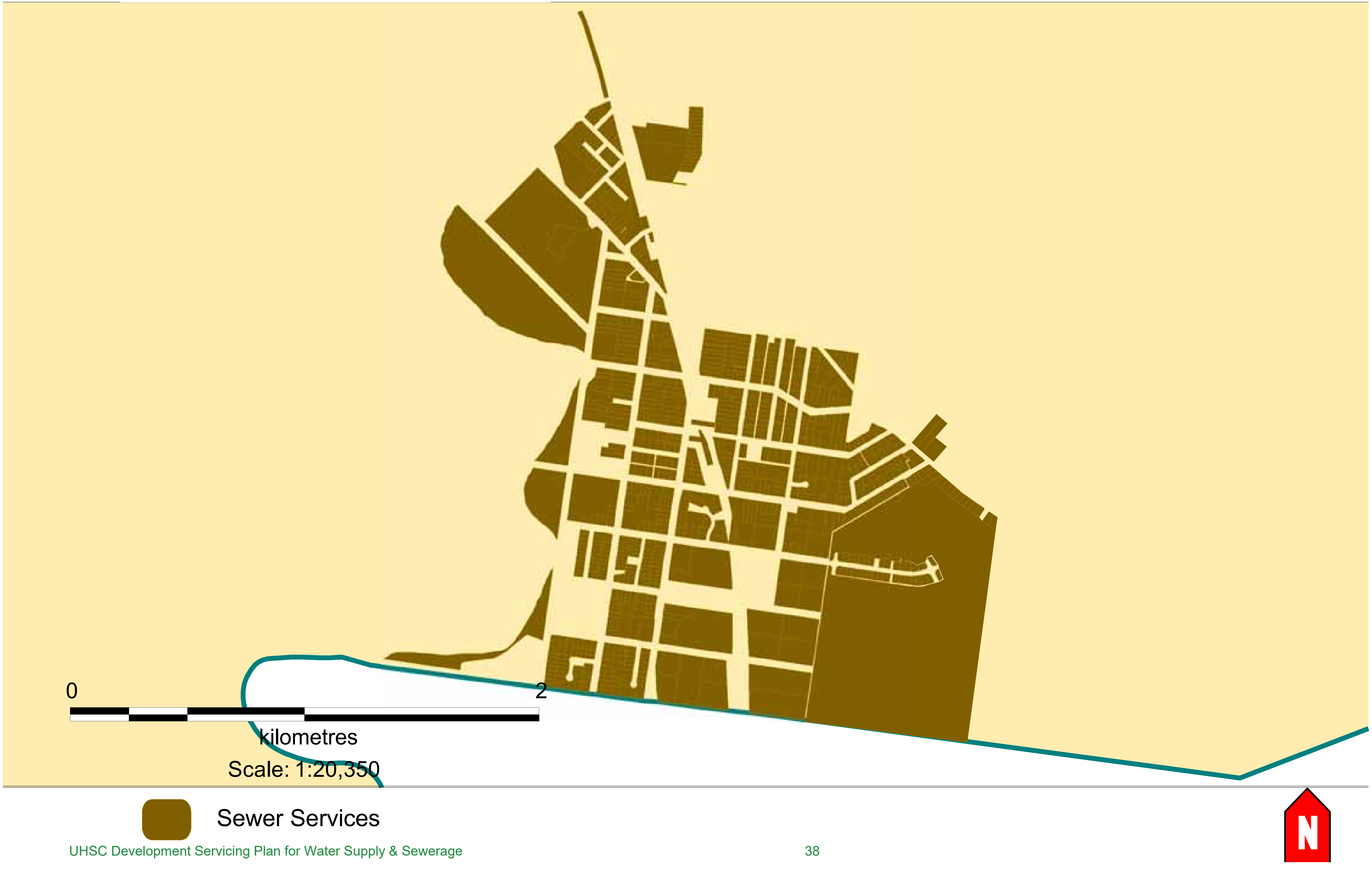
APPENDIX B

SEWERAGE
SERVICE AREA MAP

Sewer Services - Scone

Sewer Services

Sewer Services - Aberdeen



Sewer Services - Merriwa

Sewer Services - Murrurundi

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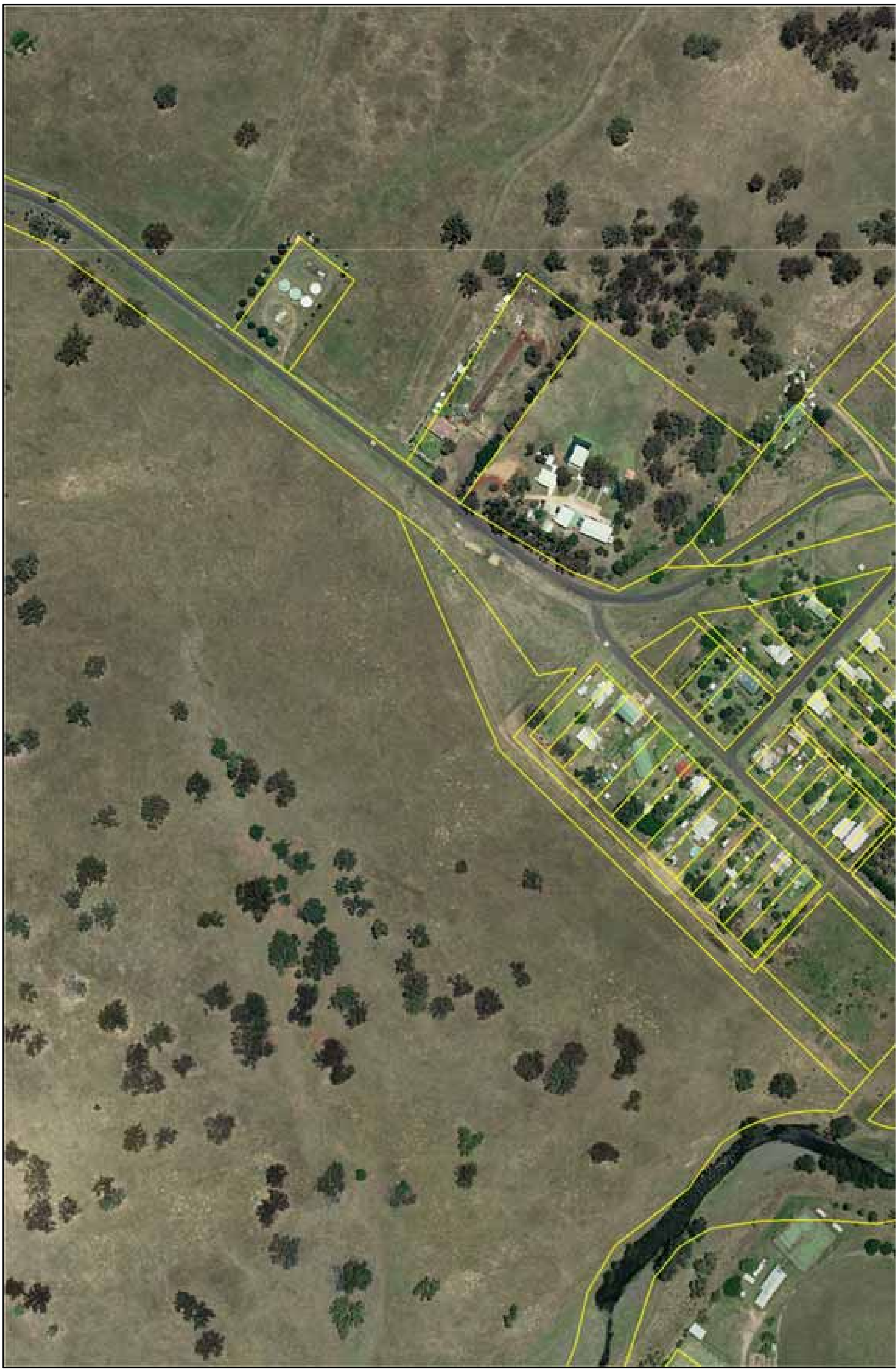

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APPENDIX C

BACKGROUND DOCUMENT FOR WATER SUPPLY DSP

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Scone& Aberdeen, Murrurundi and Middlebrook Shared 1	Scone& Aberdeen and Middlebrook Shared 2	Assets Excluded
Scone & Aberdeen	L-Land	Land (Reservoirs) Aberdeen		1/01/1937 00:00:00	1937	$ 37,500	$ 38,325	$ 38,325	$0	$0	$0	$0	$0	$0	$0	$38,325
Scone & Aberdeen	L-Land	Intake works @ Aberdeen		1/01/1937 00:00:00	1937	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Cassilis	L-Land	"Reservoir/Treatment Plant Land Lot 1 DP 549174"		1/01/1967 00:00:00	1967	$ 11,000	$ 11,242	$ 11,242	$0	$0	$0	$0	$0	$0	$0	$11,242
Merriwa	L-Land	"Treatment Plant Land Halls Rd Lot 5 DP 619288"		1/01/1976 00:00:00	1976	$ 70,000	$ 71,540	$ 71,540	$0	$0	$0	$0	$0	$0	$0	$71,540
Murrurundi	L-Land	"Concrete Reservoir Land Lot ?? DP ?? Seems to be road reserve Cadid 101929347"		1/01/1990 00:00:00	1990	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Murrurundi	L-Land	Lot 2 DP733050		1/01/1984 00:00:00	1984	$ 160,000	$ 163,520	$ 163,520	$0	$0	$0	$0	$0	$0	$0	$163,520
Murrurundi	L-Land	"Steel Reservoir Land (Northern side of town) Lot 1 DP 549128"		1/01/1935 00:00:00	1935	$ 12,000	$ 12,264	$ 12,264	$0	$0	$0	$0	$0	$0	$0	$12,264
Scone & Aberdeen	L-Land	Reservoir Land Moobi Rd		1/01/1998 00:00:00	1998	$ 20,000	$ 20,440	$ 20,440	$20,440	$20,440	$0	$0	$0	$0	$0	$0
Shared 1	L-Land	"Land Balance Tank LOT 1 DP 861735"		1/01/1938 00:00:00	1938	$ 1,000	$ 1,022	$ 1,022	$0	$0	$0	$0	$0	$0	$0	$1,022
Scone & Aberdeen	L-Land	"Land Togar Pump station Lot 341 DP567701"		1/01/1938 00:00:00	1938	$ 43,000	$ 43,946	$ 43,946	$0	$0	$0	$0	$0	$0	$0	$43,946
Scone & Aberdeen	L-Land	"Well No.1 Land Lot 1 DP810527"		1/01/1938 00:00:00	1938	$ 30,000	$ 30,660	$ 30,660	$0	$0	$0	$0	$0	$0	$0	$30,660
Scone & Aberdeen	L-Land	Reservoir Land, Barton Street Scone		1/01/1976 00:00:00	1976	$ 380,000	$ 388,360	$ 388,360	$0	$0	$0	$0	$0	$0	$0	$388,360
Shared 2	L-Land	"Land Well No.3 Lot 1 DP 396153"		1/01/1938 00:00:00	1938	$ 3,000	$ 3,066	$ 3,066	$0	$0	$0	$0	$0	$0	$0	$3,066
Scone & Aberdeen	L-Land	Wallington Rd, Middlebrook Lot 1, DP 232278		30/06/2010 00:00:00	2010	$ 15,000	$ 15,330	$ 15,330	$15,330	$15,330	$0	$0	$0	$0	$0	$0
Shared 1	L-Land	Gund Rd, Scone. Augmentation Treatment Plant Land Lot140, DP 1144829		1/01/2002 00:00:00	2002	$ 250,000	$ 255,500	$ 255,500	$255,500	$0	$0	$0	$0	$255,500	$0	$0
Scone & Aberdeen	L-Land	W/O 4281. Land Purchase Scn Heights Reservoir		30/06/2013 00:00:00	2013	$ 100,000	$ 102,200	$ 102,200	$102,200	$102,200	$0	$0	$0	$0	$0	$0
Cassilis	Water Bore/Well	Scott/Coolah Sts		1/01/1967 00:00:00	1967	$ 54,793	$ 55,998	$ 55,998	$0	$0	$0	$0	$0	$0	$0	$55,998
Cassilis	Water Bore/Well	Scott Street		1/01/1967 00:00:00	1967	$ 55,849	$ 57,078	$ 57,078	$0	$0	$0	$0	$0	$0	$0	$57,078
Merriwa	Water Bore/Well	No 1 Langley St		1/01/1976 00:00:00	1976	$ 54,793	$ 55,998	$ 55,998	$0	$0	$0	$0	$0	$0	$0	$55,998
Merriwa	Water Bore/Well	No 2 Collins Street		1/01/1985 00:00:00	1985	$ 55,849	$ 57,078	$ 57,078	$57,078	$0	$57,078	$0	$0	$0	$0	$0
Merriwa	Water Bore/Well	No 3 Mackenzie St		1/01/1987 00:00:00	1987	$ 70,941	$ 72,501	$ 72,501	$72,501	$0	$72,501	$0	$0	$0	$0	$0
Merriwa	Water Valn record Bore Pump	W/O 4446. Mwa - Collins St Bore Pump replacement		30/06/2014 00:00:00	2014	$ 22,259	$ 22,749	$ 22,749	$22,749	$0	$22,749	$0	$0	$0	$0	$0
Murrurundi	Water Valn record Bore Pump	W/O 5164. Mdi - Emergency High Lift Pump Replacement		30/06/2015 00:00:00	2015	$ 25,393	$ 25,952	$ 25,952	$25,952	$0	$0	$0	$25,952	$0	$0	$0
Scone & Aberdeen	Water Bore/Well	Pumps & switchboard		1/01/1964 00:00:00	1964	$ 26,923	$ 27,515	$ 27,515	$0	$0	$0	$0	$0	$0	$0	$27,515
Scone & Aberdeen	Water Bore/Well	Building		1/01/1964 00:00:00	1964	$ 35,897	$ 36,686	$ 36,686	$0	$0	$0	$0	$0	$0	$0	$36,686
Scone & Aberdeen	Water Bore/Well	Chlorine dosing pump		1/01/1994 00:00:00	1994	$ 3,590	$ 3,669	$ 3,669	$3,669	$3,669	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Bore/Well	Flow meters etc		1/01/1964 00:00:00	1964	$ 7,179	$ 7,337	$ 7,337	$0	$0	$0	$0	$0	$0	$0	$7,337
Scone & Aberdeen	Water Bore/Well	Wet well		1/01/1964 00:00:00	1964	$ 35,897	$ 36,686	$ 36,686	$0	$0	$0	$0	$0	$0	$0	$36,686
Scone & Aberdeen	Water Bore/Well	Pumps & switchboard		1/01/1964 00:00:00	1964	$ 26,923	$ 27,515	$ 27,515	$0	$0	$0	$0	$0	$0	$0	$27,515
Scone & Aberdeen	Water Bore/Well	Building		1/01/1964 00:00:00	1964	$ 35,897	$ 36,686	$ 36,686	$0	$0	$0	$0	$0	$0	$0	$36,686
Scone & Aberdeen	Water Bore/Well	Chlorine dosing pump		1/01/1994 00:00:00	1994	$ 3,590	$ 3,669	$ 3,669	$3,669	$3,669	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Bore/Well	Flow meters etc		1/01/1964 00:00:00	1964	$ 7,179	$ 7,337	$ 7,337	$0	$0	$0	$0	$0	$0	$0	$7,337
Scone & Aberdeen	Water Bore/Well	Wet well		1/01/1964 00:00:00	1964	$ 44,871	$ 45,858	$ 45,858	$0	$0	$0	$0	$0	$0	$0	$45,858
Scone & Aberdeen	Water Bore/Well	Pumps & switchboard		1/01/1964 00:00:00	1964	$ 26,923	$ 27,515	$ 27,515	$0	$0	$0	$0	$0	$0	$0	$27,515
Scone & Aberdeen	Water Bore/Well	Building		1/01/1964 00:00:00	1964	$ 35,897	$ 36,686	$ 36,686	$0	$0	$0	$0	$0	$0	$0	$36,686
Scone & Aberdeen	Water Bore/Well	Chlorine dosing pump		1/01/1994 00:00:00	1994	$ 3,590	$ 3,669	$ 3,669	$3,669	$3,669	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Bore/Well	Flow meters etc		1/01/1964 00:00:00	1964	$ 7,179	$ 7,337	$ 7,337	$0	$0	$0	$0	$0	$0	$0	$7,337
Scone & Aberdeen	Water Bore/Well	Wet well		1/01/1964 00:00:00	1964	$ 35,880	$ 36,669	$ 36,669	$0	$0	$0	$0	$0	$0	$0	$36,669
Scone & Aberdeen	Water Bore/Well	W/O 4270. Upgrade to No. 1 Well		30/06/2013 00:00:00	2013	$ 41,271	$ 42,179	$ 42,179	$42,179	$42,179	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Storage Reservoir	"Reservoir No.1 1600 kl concrete Graeme St"		1/01/1990 00:00:00	1990	$ 601,411	$ 614,642	$ 614,642	$614,642	$614,642	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Storage Reservoir	Reservoir No.2 740 kl, concrete Graeme St		1/01/1937 00:00:00	1937	$ 332,402	$ 339,715	$ 339,715	$0	$0	$0	$0	$0	$0	$0	$339,715
Scone & Aberdeen	Water Storage Reservoir	Reservoir No.3 2450 kl, concrete, Graeme St		1/01/2000 00:00:00	2000	$ 1,313,781	$ 1,342,684	$ 1,342,684	$1,342,684	$1,342,684	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Storage Reservoir	High Tower Reservoir 60kl, steel Graeme St		1/01/1976 00:00:00	1976	$ 459,032	$ 469,130	$ 469,130	$0	$0	$0	$0	$0	$0	$0	$469,130
Scone & Aberdeen	Water Valn record Reservoirs	Fabricate and install access platform for Diver at Aberdeen Reservoir No.1		30/06/2014 00:00:00	2014	$ 6,049	$ 6,182	$ 6,182	$6,182	$6,182	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	Fabricate and install access ladder at Aberdeen Reservoir No.1		30/06/2014 00:00:00	2014	$ 7,838	$ 8,010	$ 8,010	$8,010	$8,010	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	Install bird proof flashing at Aberdeen Reservoir No.1 & No.2		30/06/2014 00:00:00	2014	$ 17,039	$ 17,414	$ 17,414	$17,414	$17,414	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	Supply and fit new gutter & fascia boards at Aberdeen Reservoir No.1		30/06/2014 00:00:00	2014	$ 15,200	$ 15,534	$ 15,534	$15,534	$15,534	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	Supply and fit new galvanised davit arm at Aberdeen Reservoir No.1		30/06/2014 00:00:00	2014	$ 3,959	$ 4,046	$ 4,046	$4,046	$4,046	$0	$0	$0	$0	$0	$0
Cassilis	Water Storage Reservoir	Tank1		1/01/1967 00:00:00	1967	$ 58,566	$ 59,855	$ 59,855	$0	$0	$0	$0	$0	$0	$0	$59,855
Cassilis	Water Storage Reservoir	Tank2		1/01/1967 00:00:00	1967	$ 58,566	$ 59,855	$ 59,855	$0	$0	$0	$0	$0	$0	$0	$59,855
Cassilis	Water Storage Reservoir	Tank3		1/01/1967 00:00:00	1967	$ 58,566	$ 59,855	$ 59,855	$0	$0	$0	$0	$0	$0	$0	$59,855
Cassilis	Water Storage Reservoir	Tank4		1/01/1967 00:00:00	1967	$ 58,566	$ 59,855	$ 59,855	$0	$0	$0	$0	$0	$0	$0	$59,855
Cassilis	Water Storage Reservoir	Tank5		1/01/1967 00:00:00	1967	$ 2,779	$ 2,840	$ 2,840	$0	$0	$0	$0	$0	$0	$0	$2,840
Merriwa	Water Storage Reservoir	0.02ML Reservoir at Cemetery		1/01/1975 00:00:00	1975	$ 58,566	$ 59,855	$ 59,855	$0	$0	$0	$0	$0	$0	$0	$59,855
Merriwa	Water Storage Reservoir	1.5ML Reservoir at Treatment Plant		1/01/1975 00:00:00	1975	$ 767,691	$ 784,580	$ 784,580	$0	$0	$0	$0	$0	$0	$0	$784,580
Merriwa	Water Storage Reservoir	2ML Reservoir at Treatment Plant (2009)		24/06/2009 00:00:00	2009	$ 1,111,834	$ 1,136,294	$ 1,136,294	$1,136,294	$0	$1,136,294	$0	$0	$0	$0	$0
Murrurundi	Water Storage Reservoir	"Concrete Reservoir #1 0.25ML Concrete"		1/01/1990 00:00:00	1990	$ 910,149	$ 930,172	$ 930,172	$930,172	$0	$0	$0	$930,172	$0	$0	$0
Murrurundi	Water Storage Reservoir	Concrete Reservoir #2		1/01/1990 00:00:00	1990	$ 910,149	$ 930,172	$ 930,172	$930,172	$0	$0	$0	$930,172	$0	$0	$0
Murrurundi	Water Storage Reservoir	Steel Reservoir #1		1/01/1935 00:00:00	1935	$ 854,749	$ 873,553	$ 873,553	$0	$0	$0	$0	$0	$0	$0	$873,553
Murrurundi	Water Storage Reservoir	Steel Reservoir #2		1/01/1935 00:00:00	1935	$ 854,749	$ 873,553	$ 873,553	$0	$0	$0	$0	$0	$0	$0	$873,553
Scone & Aberdeen	Water Valn record Reservoirs	W/O 1105 Scn/Abn - Minor Reservoir Repairs		30/06/2015 00:00:00	2015	$ 65,325	$ 66,762	$ 66,762	$66,762	$66,762	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	W/O 4549. Reservoir Valve Replacement		30/06/2015 00:00:00	2015	$ 15,979	$ 16,331	$ 16,331	$16,331	$16,331	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Storage Reservoir	"Reservoir No.4 Moobi Rd 2ML Concrete"		1/01/1998 00:00:00	1998	$ 854,749	$ 873,553	$ 873,553	$873,553	$873,553	$0	$0	$0	$0	$0	$0
Shared 2	Water Storage Reservoir	"Reservoir No.1 4000kl Steel"		1/01/1988 00:00:00	1988	$ 1,147,579	$ 1,172,826	$ 1,172,826	$1,172,826	$0	$0	$0	$0	$0	$1,172,826	$0
Shared 2	Water Storage Reservoir	"Reservoir No.2 3.3ML Concrete"		1/01/1972 00:00:00	1972	$ 1,313,781	$ 1,342,684	$ 1,342,684	$0	$0	$0	$0	$0	$0	$0	$1,342,684
Shared 2	Water Storage Reservoir	"Reservoir No.3 3ML Concrete"		1/01/1997 00:00:00	1997	$ 1,313,781	$ 1,342,684	$ 1,342,684	$1,342,684	$0	$0	$0	$0	$0	$1,342,684	$0
Scone & Aberdeen	Water Storage Reservoir	"High Tower Reservoir 0.06ML Steel"		1/01/1976 00:00:00	1976	$ 459,032	$ 469,130	$ 469,130	$0	$0	$0	$0	$0	$0	$0	$469,130
Scone & Aberdeen	Water Valn record Reservoirs	Works order 0784. High Tower Reservoir Upgrade works 2011FY.		20/06/2011 00:00:00	2011	$ 16,374	$ 16,734	$ 16,734	$16,734	$16,734	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	W/O 0784. High Tower Reservoir Upgrade works 2013FY.		30/06/2013 00:00:00	2013	$ 1,559,395	$ 1,593,701	$ 1,593,701	$1,593,701	$1,593,701	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	W/O 1105. Scn/Abn - Minor Reservoir Repairs		30/06/2014 00:00:00	2014	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	W/O 4157. Scn - Reservoir Painting		30/06/2014 00:00:00	2014	$ 205,339	$ 209,856	$ 209,856	$209,856	$209,856	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	W/O 4443. Reservoir Aerator Replacement		30/06/2014 00:00:00	2014	$ 5,684	$ 5,809	$ 5,809	$5,809	$5,809	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	W/O 2014.01 Fabricate and install access platform for Diver at Scn Reservoir		30/06/2014 00:00:00	2014	$ 10,433	$ 10,663	$ 10,663	$10,663	$10,663	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	W/O ? 2014.02 Fabricate and install access ladder at Scn Reservoir		30/06/2014 00:00:00	2014	$ 12,211	$ 12,480	$ 12,480	$12,480	$12,480	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	Install bird proof flashing at Scn Reservoir No.1 & No.2		30/06/2014 00:00:00	2014	$ 19,069	$ 19,488	$ 19,488	$19,488	$19,488	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	Supply and fit new gutter & fascia boards at Scn Reservoir		30/06/2014 00:00:00	2014	$ 19,260	$ 19,683	$ 19,683	$19,683	$19,683	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Reservoirs	Supply and fit new galvanised davit arm at Scn Reservoir No.2		30/06/2014 00:00:00	2014	$ 5,745	$ 5,871	$ 5,871	$5,871	$5,871	$0	$0	$0	$0	$0	$0
Cassilis	Water Treatment Plant	Treatment Plant		1/01/1979 00:00:00	1979	$ 1,446,449	$ 1,478,271	$ 1,478,271	$0	$0	$0	$0	$0	$0	$0	$1,478,271
Merriwa	Water Treatment Plant	Hall Rd Treatment Plant		1/01/1979 00:00:00	1979	$ 1,569,890	$ 1,604,428	$ 1,604,428	$0	$0	$0	$0	$0	$0	$0	$1,604,428
Murrurundi	Water Valn record Treatment Pl	W/O 4545 Mdi - Repl pump Boyd St Intake		30/06/2015 00:00:00	2015	$ 9,198	$ 9,400	$ 9,400	$9,400	$0	$0	$0	$9,400	$0	$0	$0

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

														Scone& Aberdeen, Murrurundi and Middlebrook	Scone& Aberdeen and Middlebrook	
Service Area	**Asset Type**	**Asset Description**	**Pipe dia (mm)**	**Date of Commissioned**	**Year of Commissioning**	**Current Replacement Cost 2015 $**	**Current Replacement Cost 2015/16 $**	**Assets excluding reticulation**	**Assets excluding pre 1985**	**Scone & Aberdeen**	**Merriwa**	**Cassilis**	**Murrurundi**	**Shared 1**	**Shared 2**	**Assets Excluded**
Murrurundi	Water Treatment Plant	Pump-Turbine		1/01/1984 00:00:00	1984	$ 54,777	$ 55,982	$ 55,982	$0	$0	$0	$0	$0	$0	$0	$55,982
Murrurundi	Water Treatment Plant	Pump-Wears RES MIX 1000 Destratification System		24/06/2008 00:00:00	2008	$ 100,826	$ 103,044	$ 103,044	$103,044	$0	$0	$0	$103,044	$0	$0	$0
Murrurundi	Water Treatment Plant	Pump Turbine #2		1/01/1984 00:00:00	1984	$ 54,777	$ 55,982	$ 55,982	$0	$0	$0	$0	$0	$0	$0	$55,982
Murrurundi	Water Treatment Plant	Pump Centrifugal		1/01/1984 00:00:00	1984	$ 15,651	$ 15,995	$ 15,995	$0	$0	$0	$0	$0	$0	$0	$15,995
Murrurundi	Water Treatment Plant	Electrical at Treatment Plant		1/01/1984 00:00:00	1984	$ 109,555	$ 111,965	$ 111,965	$0	$0	$0	$0	$0	$0	$0	$111,965
Murrurundi	Water Treatment Plant	Building at Treatment Plant		1/01/1984 00:00:00	1984	$ 78,253	$ 79,975	$ 79,975	$0	$0	$0	$0	$0	$0	$0	$79,975
Murrurundi	Water Pre Treatment	Pre Treatment Lagoon		1/01/1990 00:00:00	1990	$ 125,205	$ 127,960	$ 127,960	$127,960	$0	$0	$0	$127,960	$0	$0	$0
Murrurundi	Water Pre Treatment	Chem Tank		1/01/1990 00:00:00	1990	$ 31,301	$ 31,990	$ 31,990	$31,990	$0	$0	$0	$31,990	$0	$0	$0
Scone & Aberdeen	Water Valn record Treatment Pl	W/O 4544. Scn - Intake gas chlorine equip reps/repl		30/06/2015 00:00:00	2015	$ 39,908	$ 40,786	$ 40,786	$40,786	$40,786	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Vlan Transfer Station	W/O 4668. Scn - Togar Pump Station Renewal		30/06/2015 00:00:00	2015	$ 9,340	$ 9,545	$ 9,545	$9,545	$9,545	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Treatment Pl	W/O 4642. Prominent - Manual Load PAC & Mixing Tank		30/06/2014 00:00:00	2014	$ 15,937	$ 16,287	$ 16,287	$16,287	$16,287	$0	$0	$0	$0	$0	$0
Murrurundi	Water Valn record Augmentation	W/O 4232. Mdi - Water Supply Augmentation		30/06/2015 00:00:00	2015	$ 5,817	$ 5,945	$ 5,945	$5,945	$0	$0	$0	$5,945	$0	$0	$0
Shared 1	Water Valn record Augmentation	W/O 2028 WA Treatment Plant		30/06/2015 00:00:00	2015	$ 75,986	$ 77,658	$ 77,658	$77,658	$0	$0	$0	$0	$77,658	$0	$0
Shared 1	Water Valn record Augmentation	W/O 2030 WA Chlorination Building Upgrade		30/06/2015 00:00:00	2015	$ 91,588	$ 93,603	$ 93,603	$93,603	$0	$0	$0	$0	$93,603	$0	$0
Shared 1	Water Valn record Augmentation	W/O WA Additional Works		30/06/2015 00:00:00	2015	$ 81,251	$ 83,039	$ 83,039	$83,039	$0	$0	$0	$0	$83,039	$0	$0
Shared 1	Water Valn record Augmentation	W/O 4095 WA Gas Chlorine System (Glbwn-Scn Pipeline)		30/06/2015 00:00:00	2015	$ 59,653	$ 60,965	$ 60,965	$60,965	$0	$0	$0	$0	$60,965	$0	$0
Shared 1	Water Valn record Augmentation	W/O 4558. Scn - Glenbawn pipeline valve repl		30/06/2015 00:00:00	2015	$ 37,460	$ 38,284	$ 38,284	$38,284	$0	$0	$0	$0	$38,284	$0	$0
Shared 1	Water Valn record Augmentation	W/O 4652. Scn - Glenbawn line Pit installation		30/06/2015 00:00:00	2015	$ 29,330	$ 29,975	$ 29,975	$29,975	$0	$0	$0	$0	$29,975	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	W/O 2020. WA Project Management (non contract)		30/06/2013 00:00:00	2013	$ 306,176	$ 312,912	$ 312,912	$312,912	$312,912	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	W/O 2021. WA Survey/Design (non contract)		30/06/2013 00:00:00	2013	$ 139,539	$ 142,609	$ 142,609	$142,609	$142,609	$0	$0	$0	$0	$0	$0
Shared 1	Water Valn record Augmentation	"W/O 2022. WA Pipeline"		30/06/2013 00:00:00	2013	$ 7,495,915	$ 7,660,825	$ 7,660,825	$7,660,825	$0	$0	$0	$0	$7,660,825	$0	$0
Shared 1	Water Valn record Augmentation	W/O 2023. WA Pipeline Outlets		30/06/2013 00:00:00	2013	$ 1,459,912	$ 1,492,030	$ 1,492,030	$1,492,030	$0	$0	$0	$0	$1,492,030	$0	$0
Shared 1	Water Valn record Augmentation	W/O 2024. WA Pipeline Site Establishment		30/06/2013 00:00:00	2013	$ 1,228,286	$ 1,255,309	$ 1,255,309	$1,255,309	$0	$0	$0	$0	$1,255,309	$0	$0
Shared 1	Water Valn record Augmentation	W/O 2028. WA Treatment Plant		30/06/2013 00:00:00	2013	$ 63,388	$ 64,783	$ 64,783	$64,783	$0	$0	$0	$0	$64,783	$0	$0
Shared 1	Water Valn record Augmentation	W/O 2031. WA Pipeline Pages River Xing		30/06/2013 00:00:00	2013	$ 554,217	$ 566,410	$ 566,410	$566,410	$0	$0	$0	$0	$566,410	$0	$0
Shared 1	Water Valn record Augmentation	W/O 2032. WA Pipeline Pump Station		30/06/2013 00:00:00	2013	$ 1,252,801	$ 1,280,363	$ 1,280,363	$1,280,363	$0	$0	$0	$0	$1,280,363	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	W/O 2033. WA Pipeline NaClO Dosing Plant		30/06/2013 00:00:00	2013	$ 332,027	$ 339,331	$ 339,331	$339,331	$339,331	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	W/O 2034. WA Pipeline EMP, Testing & Commissioning		30/06/2013 00:00:00	2013	$ 64,525	$ 65,944	$ 65,944	$65,944	$65,944	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	"W/O 2035. WA Pipeline Road Re-instatement"		30/06/2013 00:00:00	2013	$ 153,667	$ 157,048	$ 157,048	$157,048	$157,048	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	W/O 2036. WA Pipeline Telemetry Pole		30/06/2013 00:00:00	2013	$ 29,736	$ 30,391	$ 30,391	$30,391	$30,391	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	W/O 2037. WA Pipeline Provisional Items		30/06/2013 00:00:00	2013	$ 790,101	$ 807,483	$ 807,483	$807,483	$807,483	$0	$0	$0	$0	$0	$0
Shared 1	Water Valn record Augmentation	W/O 2038. WA Pipeline Telemetry (non contract)		30/06/2013 00:00:00	2013	$ 96,888	$ 99,019	$ 99,019	$99,019	$0	$0	$0	$0	$99,019	$0	$0
Shared 1	Water Valn record Augmentation	W/O 2039. WA Balance Tank		30/06/2013 00:00:00	2013	$ 1,082,027	$ 1,105,831	$ 1,105,831	$1,105,831	$0	$0	$0	$0	$1,105,831	$0	$0
Shared 1	Water Valn record Augmentation	W/O 2040. WA Balance Tank Telemetry		30/06/2013 00:00:00	2013	$ 25,042	$ 25,593	$ 25,593	$25,593	$0	$0	$0	$0	$25,593	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	"W/O 2041. WA Land Matters (non contract)"		30/06/2013 00:00:00	2013	$ 51,708	$ 52,845	$ 52,845	$52,845	$52,845	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	Other Augmentation previous years		30/06/2013 00:00:00	2013	$ 1,003,888	$ 1,025,974	$ 1,025,974	$1,025,974	$1,025,974	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	W/O 2028. WA Treatment Plant		30/06/2014 00:00:00	2014	$ 21,815	$ 22,295	$ 22,295	$22,295	$22,295	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	W/O 2034. WA Pipeline EMP, Testing & Commissioning		30/06/2014 00:00:00	2014	$ 37,915	$ 38,749	$ 38,749	$38,749	$38,749	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	W/O 2049. WA Additional Works		30/06/2014 00:00:00	2014	$ 92,505	$ 94,540	$ 94,540	$94,540	$94,540	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Buildings	Wallington Rd, Middlebrook		30/06/2010 00:00:00	2010	$ 5,641	$ 5,765	$ 5,765	$5,765	$5,765	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water River Inlets	Pipe work & buildings		1/01/1970 00:00:00	1970	$ 33,204	$ 33,935	$ 33,935	$0	$0	$0	$0	$0	$0	$0	$33,935
Scone & Aberdeen	Water River Inlets	Wet well		1/01/1970 00:00:00	1970	$ 17,948	$ 18,343	$ 18,343	$0	$0	$0	$0	$0	$0	$0	$18,343
Scone & Aberdeen	Water River Inlets	low-lift high-lift pumps & electrical		1/01/1970 00:00:00	1970	$ 251,277	$ 256,805	$ 256,805	$0	$0	$0	$0	$0	$0	$0	$256,805
Scone & Aberdeen	Water River Inlets	New pump (2007) incl installation		30/06/2007 00:00:00	2007	$ 53,063	$ 54,230	$ 54,230	$54,230	$54,230	$0	$0	$0	$0	$0	$0
Murrurundi	Water River Inlets	Singles River Inlet		1/01/1935 00:00:00	1935	$ 18,602	$ 19,011	$ 19,011	$0	$0	$0	$0	$0	$0	$0	$19,011
Murrurundi	Water River Inlets	Pages Creek Upper Inlet		1/01/1935 00:00:00	1935	$ 18,602	$ 19,011	$ 19,011	$0	$0	$0	$0	$0	$0	$0	$19,011
Murrurundi	Water River Inlets	Pages Creek Lower Inlet		1/01/1935 00:00:00	1935	$ 18,602	$ 19,011	$ 19,011	$0	$0	$0	$0	$0	$0	$0	$19,011
Murrurundi	Water Valn record River Inlets	W/O 4516. Mdi - Pages River Rising Mains & Inlet		30/06/2014 00:00:00	2014	$ 303,670	$ 310,350	$ 310,350	$310,350	$0	$0	$0	$310,350	$0	$0	$0
Murrurundi	Water Storage Dam	Offstream Storage Dam		1/01/1984 00:00:00	1984	$ 1,388,822	$ 1,419,376	$ 1,419,376	$0	$0	$0	$0	$0	$0	$0	$1,419,376
Murrurundi	Water Valn record Storage Dam	W/O 4517. Dam Site - internal infrastructure		30/06/2014 00:00:00	2014	$ 74,730	$ 76,374	$ 76,374	$76,374	$0	$0	$0	$76,374	$0	$0	$0
Murrurundi	Water Valn record Storage Dam	W/O 4541. 2x 20Ft Storage Containers		30/06/2014 00:00:00	2014	$ 5,887	$ 6,017	$ 6,017	$6,017	$0	$0	$0	$6,017	$0	$0	$0
Murrurundi	Water Valn record Storage Dam	W/O 4643. 12x 1000Ltr Water Pods & Pumps		30/06/2014 00:00:00	2014	$ 5,871	$ 6,000	$ 6,000	$6,000	$0	$0	$0	$6,000	$0	$0	$0
Murrurundi	Water Valn record Telemetery	W/O 4377. Mdi - Installation of Telemetry		30/06/2014 00:00:00	2014	$ 24,620	$ 25,161	$ 25,161	$25,161	$0	$0	$0	$25,161	$0	$0	$0
Scone & Aberdeen	Water Valn record Telemetery	W/O 4181. Telemetry Upgrade		30/06/2015 00:00:00	2015	$ 13,515	$ 13,812	$ 13,812	$13,812	$13,812	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Telemetery	W/O 4547. Scn - Water Testing Equipment		30/06/2015 00:00:00	2015	$ 6,589	$ 6,734	$ 6,734	$6,734	$6,734	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water River Inlets	Backwash system		1/01/1970 00:00:00	1970	$ 20,102	$ 20,544	$ 20,544	$0	$0	$0	$0	$0	$0	$0	$20,544
Shared 1	Water River Inlets	Buildings (chlorine & electrical)		1/01/1970 00:00:00	1970	$ 93,332	$ 95,385	$ 95,385	$0	$0	$0	$0	$0	$0	$0	$95,385
Scone & Aberdeen	Water River Inlets	Suction pipework		1/01/1970 00:00:00	1970	$ 62,819	$ 64,201	$ 64,201	$0	$0	$0	$0	$0	$0	$0	$64,201
Scone & Aberdeen	Water River Inlets	Internal pipework		1/01/1979 00:00:00	1979	$ 50,255	$ 51,361	$ 51,361	$0	$0	$0	$0	$0	$0	$0	$51,361
Scone & Aberdeen	Water River Inlets	Inlet river screen		1/01/1970 00:00:00	1970	$ 75,383	$ 77,042	$ 77,042	$0	$0	$0	$0	$0	$0	$0	$77,042
Scone & Aberdeen	Water River Inlets	Stairs, ladders & platforms		1/01/1970 00:00:00	1970	$ 50,255	$ 51,361	$ 51,361	$0	$0	$0	$0	$0	$0	$0	$51,361
Scone & Aberdeen	Water River Inlets	Dry well		1/01/1970 00:00:00	1970	$ 766,395	$ 783,256	$ 783,256	$0	$0	$0	$0	$0	$0	$0	$783,256
Shared 1	Water River Inlets	"Scone Intake Pumps mechanical & electrical"		1/01/1970 00:00:00	1970	$ 276,405	$ 282,486	$ 282,486	$0	$0	$0	$0	$0	$0	$0	$282,486
Scone & Aberdeen	Water Meter Reading Equipmen	"FC2000 Ethernet MVRS Handheld Software FC 20 Water Meter Reader Hardware"		30/06/2007 00:00:00	2007	$ 30,231	$ 30,896	$ 30,896	$30,896	$30,896	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Telemetry	Scone/Aberdeen Water Share of Telemetry		1/01/1990 00:00:00	1990	$ 400,952	$ 409,773	$ 409,773	$409,773	$409,773	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Telemetery	W/O 4304. GPS Unit		30/06/2014 00:00:00	2014	$ 11,735	$ 11,994	$ 11,994	$11,994	$11,994	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Augmentation	"Water Augmentation Pipeline Investigation and design works during 2011FY."		20/06/2011 00:00:00	2011	$ 73,577	$ 75,196	$ 75,196	$75,196	$75,196	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Transfer Station	Buildings		1/01/1970 00:00:00	1970	$ 53,845	$ 55,030	$ 55,030	$0	$0	$0	$0	$0	$0	$0	$55,030
Scone & Aberdeen	Water Transfer Station	Flow meters etc		1/01/1970 00:00:00	1970	$ 8,974	$ 9,172	$ 9,172	$0	$0	$0	$0	$0	$0	$0	$9,172
Scone & Aberdeen	Water Transfer Station	Mechanical & Electrical		1/01/1970 00:00:00	1970	$ 251,277	$ 256,805	$ 256,805	$0	$0	$0	$0	$0	$0	$0	$256,805
Scone & Aberdeen	Water Transfer Station	Pipe work		1/01/1970 00:00:00	1970	$ 53,845	$ 55,030	$ 55,030	$0	$0	$0	$0	$0	$0	$0	$55,030
Scone & Aberdeen	Water Transfer Station	Reservoir		1/01/1970 00:00:00	1970	$ 394,864	$ 403,551	$ 403,551	$0	$0	$0	$0	$0	$0	$0	$403,551
Scone & Aberdeen	Water Trunk Main	INTAKE WORKS	200	1/01/1976 00:00:00	1976	$ 24,075	$ 24,605	$ 24,605	$0	$0	$0	$0	$0	$0	$0	$24,605
Scone & Aberdeen	Water Trunk Main	INTAKE WORKS-Old bridge - removed	200	1/01/1976 00:00:00	1976	$ 2,675	$ 2,734	$ 2,734	$0	$0	$0	$0	$0	$0	$0	$2,734
Scone & Aberdeen	Water Trunk Main	INTAKE WORKS-Old bridge - removed	200	1/01/1976 00:00:00	1976	$ 31,277	$ 31,966	$ 31,966	$0	$0	$0	$0	$0	$0	$0	$31,966
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST-Old bridge - removed	200	1/01/1976 00:00:00	1976	$ 4,609	$ 4,711	$ 4,711	$0	$0	$0	$0	$0	$0	$0	$4,711
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	200	1/01/1976 00:00:00	1976	$ 1,564	$ 1,598	$ 1,598	$0	$0	$0	$0	$0	$0	$0	$1,598
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	200	1/01/1976 00:00:00	1976	$ 28,420	$ 29,046	$ 29,046	$0	$0	$0	$0	$0	$0	$0	$29,046
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	200	1/01/1986 00:00:00	1986	$ 5,083	$ 5,194	$ 5,194	$5,194	$5,194	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	200	1/01/1976 00:00:00	1976	$ 44,961	$ 45,951	$ 45,951	$0	$0	$0	$0	$0	$0	$0	$45,951

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Scone& Aberdeen, Murrurundi and Middlebrook Shared 1	Scone& Aberdeen and Middlebrook Shared 2	Assets Excluded
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	200	1/01/1976 00:00:00	1976	$ 40,300	$ 41,186	$ 41,186	$0	$0	$0	$0	$0	$0	$0	$41,186
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	200	1/01/1976 00:00:00	1976	$ 44,661	$ 45,643	$ 45,643	$0	$0	$0	$0	$0	$0	$0	$45,643
Scone & Aberdeen	Water Trunk Main	GRAEME ST	200	1/01/1976 00:00:00	1976	$ 50,495	$ 51,606	$ 51,606	$0	$0	$0	$0	$0	$0	$0	$51,606
Scone & Aberdeen	Water Trunk Main	GRAEME ST	200	1/01/1976 00:00:00	1976	$ 17,052	$ 17,427	$ 17,427	$0	$0	$0	$0	$0	$0	$0	$17,427
Scone & Aberdeen	Water Trunk Main	GRAEME ST	200	1/01/1976 00:00:00	1976	$ 58,690	$ 59,982	$ 59,982	$0	$0	$0	$0	$0	$0	$0	$59,982
Scone & Aberdeen	Water Trunk Main	GRAEME ST	200	1/01/1976 00:00:00	1976	$ 14,977	$ 15,307	$ 15,307	$0	$0	$0	$0	$0	$0	$0	$15,307
Scone & Aberdeen	Water Trunk Main	GRAEME ST	200	1/01/1976 00:00:00	1976	$ 9,819	$ 10,035	$ 10,035	$0	$0	$0	$0	$0	$0	$0	$10,035
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	300	1/01/1995 00:00:00	1995	$ 5,446	$ 5,565	$ 5,565	$5,565	$5,565	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	300	1/01/1995 00:00:00	1995	$ 16,308	$ 16,667	$ 16,667	$16,667	$16,667	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	300	1/01/1995 00:00:00	1995	$ 62,799	$ 64,181	$ 64,181	$64,181	$64,181	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	300	1/01/1995 00:00:00	1995	$ 110,217	$ 112,642	$ 112,642	$112,642	$112,642	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	300	1/01/1995 00:00:00	1995	$ 153,812	$ 157,196	$ 157,196	$157,196	$157,196	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	300	1/01/1995 00:00:00	1995	$ 113,230	$ 115,721	$ 115,721	$115,721	$115,721	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	MACQUEEN ST	300	1/01/1995 00:00:00	1995	$ 20,306	$ 20,752	$ 20,752	$20,752	$20,752	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	GRAEME ST	300	1/01/1995 00:00:00	1995	$ 24,969	$ 25,518	$ 25,518	$25,518	$25,518	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	GRAEME ST	300	1/01/1995 00:00:00	1995	$ 6,923	$ 7,075	$ 7,075	$7,075	$7,075	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	GRAEME ST	300	1/01/1995 00:00:00	1995	$ 87,768	$ 89,699	$ 89,699	$89,699	$89,699	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	GRAEME ST	300	1/01/1995 00:00:00	1995	$ 49,938	$ 51,037	$ 51,037	$51,037	$51,037	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	GRAEME ST (R3)	300	1/01/1995 00:00:00	1995	$ 101,788	$ 104,028	$ 104,028	$104,028	$104,028	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	21 ST HELIERS ST	100	1/01/1977 00:00:00	1977	$ 2,726	$ 2,786	$ -	$0	$0	$0	$0	$0	$0	$0	$2,786
Scone & Aberdeen	Reticulation	9 GORDON ST	100	1/01/1977 00:00:00	1977	$ 23,069	$ 23,576	$ -	$0	$0	$0	$0	$0	$0	$0	$23,576
Scone & Aberdeen	Reticulation	20 MCKENZIE ST	100	1/01/1984 00:00:00	1984	$ 10,138	$ 10,361	$ -	$0	$0	$0	$0	$0	$0	$0	$10,361
Scone & Aberdeen	Reticulation	22 ST HELIERS ST	100	1/01/1977 00:00:00	1977	$ 25,462	$ 26,022	$ -	$0	$0	$0	$0	$0	$0	$0	$26,022
Scone & Aberdeen	Reticulation	109 SEGENHOE ST	100	1/01/1977 00:00:00	1977	$ 7,291	$ 7,451	$ -	$0	$0	$0	$0	$0	$0	$0	$7,451
Scone & Aberdeen	Reticulation	18 MCKENZIE	100	1/01/1984 00:00:00	1984	$ 6,050	$ 6,183	$ -	$0	$0	$0	$0	$0	$0	$0	$6,183
Scone & Aberdeen	Reticulation	16 MCKENZIE ST	100	1/01/1984 00:00:00	1984	$ 1,817	$ 1,857	$ -	$0	$0	$0	$0	$0	$0	$0	$1,857
Scone & Aberdeen	Reticulation	6 MCKENZIE	100	1/01/1984 00:00:00	1984	$ 11,745	$ 12,003	$ -	$0	$0	$0	$0	$0	$0	$0	$12,003
Scone & Aberdeen	Reticulation	240/290 MCQUEEN ST	100	1/01/1984 00:00:00	1984	$ 25,817	$ 26,385	$ -	$0	$0	$0	$0	$0	$0	$0	$26,385
Scone & Aberdeen	Reticulation	10 WATTLE ST	100	1/01/1984 00:00:00	1984	$ 7,933	$ 8,108	$ -	$0	$0	$0	$0	$0	$0	$0	$8,108
Scone & Aberdeen	Reticulation	"255/3150 ST HELIERS ST"	25	1/01/1984 00:00:00	1984	$ 5,298	$ 5,415	$ -	$0	$0	$0	$0	$0	$0	$0	$5,415
Scone & Aberdeen	Reticulation	171 MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 632	$ 645	$ -	$0	$0	$0	$0	$0	$0	$0	$645
Scone & Aberdeen	Reticulation	145 SEGENHOE ST	100	1/01/1977 00:00:00	1977	$ 22,637	$ 23,135	$ -	$0	$0	$0	$0	$0	$0	$0	$23,135
Scone & Aberdeen	Reticulation	30/31 145 SEGENHOE ST	100	1/01/1986 00:00:00	1986	$ 27,035	$ 27,630	$ -	$0	$0	$0	$0	$0	$0	$0	$27,630
Scone & Aberdeen	Reticulation	31/32 145 SEGENHOE ST	100	1/01/1986 00:00:00	1986	$ 16,066	$ 16,420	$ -	$0	$0	$0	$0	$0	$0	$0	$16,420
Scone & Aberdeen	Reticulation	169 MCQUEEN ST	100	1/01/1977 00:00:00	1977	$ 10,515	$ 10,746	$ -	$0	$0	$0	$0	$0	$0	$0	$10,746
Scone & Aberdeen	Reticulation	169 MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 10,792	$ 11,029	$ -	$0	$0	$0	$0	$0	$0	$0	$11,029
Scone & Aberdeen	Reticulation	305/310 6 WATTLE ST	100	1/01/1984 00:00:00	1984	$ 14,415	$ 14,732	$ -	$0	$0	$0	$0	$0	$0	$0	$14,732
Scone & Aberdeen	Reticulation	"305/3152 PERTH ST"	25	1/01/1984 00:00:00	1984	$ 844	$ 863	$ -	$0	$0	$0	$0	$0	$0	$0	$863
Scone & Aberdeen	Reticulation	28 PERTH ST	100	1/01/1977 00:00:00	1977	$ 14,626	$ 14,947	$ -	$0	$0	$0	$0	$0	$0	$0	$14,947
Scone & Aberdeen	Reticulation	32 PERTH ST	100	1/01/1977 00:00:00	1977	$ 465	$ 476	$ -	$0	$0	$0	$0	$0	$0	$0	$476
Scone & Aberdeen	Trunk Mains	89 SEGENHOE ST	150	1/01/1986 00:00:00	1986	$ 35,052	$ 35,823	$ 35,823	$35,823	$35,823	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	91 SEGENHOE ST	100	1/01/1977 00:00:00	1977	$ 2,648	$ 2,706	$ -	$0	$0	$0	$0	$0	$0	$0	$2,706
Scone & Aberdeen	Reticulation	91 SEGENHOE ST	25	1/01/1977 00:00:00	1977	$ 1,615	$ 1,651	$ -	$0	$0	$0	$0	$0	$0	$0	$1,651
Scone & Aberdeen	Reticulation	104 SEGENHOE ST	25	1/01/1977 00:00:00	1977	$ 5,644	$ 5,768	$ -	$0	$0	$0	$0	$0	$0	$0	$5,768
Scone & Aberdeen	Reticulation	104 SEGENHOE ST	25	1/01/1977 00:00:00	1977	$ 5,957	$ 6,088	$ -	$0	$0	$0	$0	$0	$0	$0	$6,088
Scone & Aberdeen	Reticulation	99 SEGENHOE ST	100	1/01/1977 00:00:00	1977	$ 11,368	$ 11,618	$ -	$0	$0	$0	$0	$0	$0	$0	$11,618
Scone & Aberdeen	Reticulation	93 SEGENHOE ST	100	1/01/1984 00:00:00	1984	$ 9,318	$ 9,523	$ -	$0	$0	$0	$0	$0	$0	$0	$9,523
Scone & Aberdeen	Reticulation	107 SEGENHOE ST	100	1/01/1977 00:00:00	1977	$ 4,343	$ 4,439	$ -	$0	$0	$0	$0	$0	$0	$0	$4,439
Scone & Aberdeen	Reticulation	103 SEGENHOE ST	100	1/01/1984 00:00:00	1984	$ 4,953	$ 5,062	$ -	$0	$0	$0	$0	$0	$0	$0	$5,062
Scone & Aberdeen	Reticulation	154 MCQUEEN ST	100	1/01/1985 00:00:00	1985	$ 21,429	$ 21,900	$ -	$0	$0	$0	$0	$0	$0	$0	$21,900
Scone & Aberdeen	Reticulation	152 MCQUEEN ST	100	1/01/1985 00:00:00	1985	$ 488	$ 498	$ -	$0	$0	$0	$0	$0	$0	$0	$498
Scone & Aberdeen	Reticulation	17 SHORT ST	100	1/01/1937 00:00:00	1937	$ 16,221	$ 16,578	$ -	$0	$0	$0	$0	$0	$0	$0	$16,578
Scone & Aberdeen	Reticulation	152 MCQUEEN ST	100	1/01/1977 00:00:00	1977	$ 465	$ 476	$ -	$0	$0	$0	$0	$0	$0	$0	$476
Scone & Aberdeen	Reticulation	153 MCQUEEN ST	100	1/01/1990 00:00:00	1990	$ 10,249	$ 10,475	$ -	$0	$0	$0	$0	$0	$0	$0	$10,475
Scone & Aberdeen	Reticulation	23 ST ANDREWS ST	100	1/01/1977 00:00:00	1977	$ 11,346	$ 11,596	$ -	$0	$0	$0	$0	$0	$0	$0	$11,596
Scone & Aberdeen	Reticulation	23 ST ANDREWS ST	100	1/01/1986 00:00:00	1986	$ 12,853	$ 13,136	$ -	$0	$0	$0	$0	$0	$0	$0	$13,136
Scone & Aberdeen	Trunk Mains	29 ST ANDREWS ST	150	1/01/1986 00:00:00	1986	$ 2,859	$ 2,922	$ 2,922	$2,922	$2,922	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	ELDON ST	25	1/01/1984 00:00:00	1984	$ 592	$ 605	$ -	$0	$0	$0	$0	$0	$0	$0	$605
Scone & Aberdeen	Reticulation	15 MCKENZIE ST	25	1/01/1984 00:00:00	1984	$ 1,915	$ 1,957	$ -	$0	$0	$0	$0	$0	$0	$0	$1,957
Scone & Aberdeen	Reticulation	15 MCKENZIE ST	100	1/01/1984 00:00:00	1984	$ 1,861	$ 1,902	$ -	$0	$0	$0	$0	$0	$0	$0	$1,902
Scone & Aberdeen	Reticulation	6 MCKENZIE ST	100	1/01/1977 00:00:00	1977	$ 2,759	$ 2,820	$ -	$0	$0	$0	$0	$0	$0	$0	$2,820
Scone & Aberdeen	Reticulation		25	1/01/1984 00:00:00	1984	$ 1,755	$ 1,794	$ -	$0	$0	$0	$0	$0	$0	$0	$1,794
Scone & Aberdeen	Reticulation	5 MCKENZIE ST	25	1/01/1984 00:00:00	1984	$ 2,008	$ 2,052	$ -	$0	$0	$0	$0	$0	$0	$0	$2,052
Scone & Aberdeen	Reticulation	5 MCKENZIE ST	100	1/01/1977 00:00:00	1977	$ 875	$ 895	$ -	$0	$0	$0	$0	$0	$0	$0	$895
Scone & Aberdeen	Reticulation	17 SHORT ST	100	1/01/1937 00:00:00	1937	$ 11,036	$ 11,279	$ -	$0	$0	$0	$0	$0	$0	$0	$11,279
Scone & Aberdeen	Reticulation	0	100	1/01/1977 00:00:00	1977	$ 19,822	$ 20,258	$ -	$0	$0	$0	$0	$0	$0	$0	$20,258
Scone & Aberdeen	Reticulation	ABERCAIRNEY TER	100	1/01/1982 00:00:00	1982	$ 1,706	$ 1,744	$ -	$0	$0	$0	$0	$0	$0	$0	$1,744
Scone & Aberdeen	Reticulation	3 SHANNON CL	100	1/01/1982 00:00:00	1982	$ 9,097	$ 9,297	$ -	$0	$0	$0	$0	$0	$0	$0	$9,297
Scone & Aberdeen	Reticulation	6 MARGARET	100	1/01/1985 00:00:00	1985	$ 1,163	$ 1,189	$ -	$0	$0	$0	$0	$0	$0	$0	$1,189
Scone & Aberdeen	Reticulation	6 MARGARET	100	1/01/1985 00:00:00	1985	$ 1,551	$ 1,585	$ -	$0	$0	$0	$0	$0	$0	$0	$1,585
Scone & Aberdeen	Reticulation	6 MARGARET	25	1/01/1985 00:00:00	1985	$ 2,081	$ 2,127	$ -	$0	$0	$0	$0	$0	$0	$0	$2,127
Scone & Aberdeen	Reticulation	2 MARGARET PL	100	1/01/1985 00:00:00	1985	$ 942	$ 963	$ -	$0	$0	$0	$0	$0	$0	$0	$963
Scone & Aberdeen	Reticulation	3 MARGARET PL	100	1/01/1985 00:00:00	1985	$ 3,789	$ 3,873	$ -	$0	$0	$0	$0	$0	$0	$0	$3,873
Scone & Aberdeen	Reticulation	40 CAMPBELL ST	100	1/01/1985 00:00:00	1985	$ 6,493	$ 6,636	$ -	$0	$0	$0	$0	$0	$0	$0	$6,636
Scone & Aberdeen	Reticulation	55 BEDFORD ST	100	1/01/1984 00:00:00	1984	$ 11,390	$ 11,641	$ -	$0	$0	$0	$0	$0	$0	$0	$11,641
Scone & Aberdeen	Reticulation	50 MOUNT ST	100	1/01/1937 00:00:00	1937	$ 15,944	$ 16,295	$ -	$0	$0	$0	$0	$0	$0	$0	$16,295
Scone & Aberdeen	Reticulation	MOUNT ST	100	1/01/1937 00:00:00	1937	$ 8,465	$ 8,651	$ -	$0	$0	$0	$0	$0	$0	$0	$8,651
Scone & Aberdeen	Reticulation	46 MOUNT ST	100	1/01/1937 00:00:00	1937	$ 587	$ 600	$ -	$0	$0	$0	$0	$0	$0	$0	$600
Scone & Aberdeen	Reticulation	55 BEDFORD ST	100	1/01/1937 00:00:00	1937	$ 10,371	$ 10,599	$ -	$0	$0	$0	$0	$0	$0	$0	$10,599
Scone & Aberdeen	Reticulation	4 SHANNON CL	100	1/01/1982 00:00:00	1982	$ 4,044	$ 4,133	$ -	$0	$0	$0	$0	$0	$0	$0	$4,133

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1 (Scone& Aberdeen, Murrurundi and Middlebrook)	Shared 2 (Scone& Aberdeen and Middlebrook)	Assets Excluded
Scone & Aberdeen	Reticulation	72 BEDFORD ST	100	1/01/1937 00:00:00	1937	$ 22,980	$ 23,486	$ -	$0	$0	$0	$0	$0	$0	$0	$23,486
Scone & Aberdeen	Reticulation	30 MOUNT ST	100	1/01/1937 00:00:00	1937	$ 24,454	$ 24,992	$ -	$0	$0	$0	$0	$0	$0	$0	$24,992
Scone & Aberdeen	Reticulation	26 MOUNT ST	100	1/01/1937 00:00:00	1937	$ 2,360	$ 2,412	$ -	$0	$0	$0	$0	$0	$0	$0	$2,412
Scone & Aberdeen	Reticulation	29 CAMPBELL ST	100	1/01/1937 00:00:00	1937	$ 17,795	$ 18,186	$ -	$0	$0	$0	$0	$0	$0	$0	$18,186
Scone & Aberdeen	Reticulation	69 GRAEME ST	100	1/01/1985 00:00:00	1985	$ 3,435	$ 3,510	$ -	$0	$0	$0	$0	$0	$0	$0	$3,510
Scone & Aberdeen	Reticulation	77 BEDFORD ST	100	1/01/1980 00:00:00	1980	$ 299	$ 306	$ -	$0	$0	$0	$0	$0	$0	$0	$306
Scone & Aberdeen	Reticulation	76 BEDFORD ST	100	1/01/1977 00:00:00	1977	$ 2,316	$ 2,367	$ -	$0	$0	$0	$0	$0	$0	$0	$2,367
Scone & Aberdeen	Reticulation	63 GRAEME ST	100	1/01/1937 00:00:00	1937	$ 13,207	$ 13,498	$ -	$0	$0	$0	$0	$0	$0	$0	$13,498
Scone & Aberdeen	Reticulation	4 MOUNT ST	100	1/01/1937 00:00:00	1937	$ 24,919	$ 25,467	$ -	$0	$0	$0	$0	$0	$0	$0	$25,467
Scone & Aberdeen	Reticulation	MOUNT ST	100	1/07/2007 00:00:00	2007	$ 24,930	$ 25,479	$ -	$0	$0	$0	$0	$0	$0	$0	$25,479
Scone & Aberdeen	Reticulation	MOUNT ST	100	1/07/2007 00:00:00	2007	$ 24,930	$ 25,479	$ -	$0	$0	$0	$0	$0	$0	$0	$25,479
Scone & Aberdeen	Reticulation	43 GRAEME ST	100	1/01/1937 00:00:00	1937	$ 22,127	$ 22,614	$ -	$0	$0	$0	$0	$0	$0	$0	$22,614
Scone & Aberdeen	Reticulation		100	1/01/1996 00:00:00	1996	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation	9 KYUGA ST	100	1/01/1937 00:00:00	1937	$ 19,711	$ 20,145	$ -	$0	$0	$0	$0	$0	$0	$0	$20,145
Scone & Aberdeen	Trunk Mains	69 GRAEME ST	150	1/01/1937 00:00:00	1937	$ 20,609	$ 21,062	$ 21,062	$0	$0	$0	$0	$0	$0	$0	$21,062
Scone & Aberdeen	Reticulation	43 MORAY ST	100	1/01/1977 00:00:00	1977	$ 23,545	$ 24,063	$ -	$0	$0	$0	$0	$0	$0	$0	$24,063
Scone & Aberdeen	Reticulation	8 WALKER ST	100	1/01/1937 00:00:00	1937	$ 25,794	$ 26,362	$ -	$0	$0	$0	$0	$0	$0	$0	$26,362
Scone & Aberdeen	Trunk Mains	2 WALKER ST	150	1/01/1984 00:00:00	1984	$ 9,656	$ 9,869	$ 9,869	$0	$0	$0	$0	$0	$0	$0	$9,869
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1937 00:00:00	1937	$ 1,451	$ 1,483	$ -	$0	$0	$0	$0	$0	$0	$0	$1,483
Scone & Aberdeen	Reticulation	1 CAMPBELL ST	100	1/01/1937 00:00:00	1937	$ 1,695	$ 1,733	$ -	$0	$0	$0	$0	$0	$0	$0	$1,733
Scone & Aberdeen	Reticulation	17 UPPER CAMPBELL ST	100	1/01/1937 00:00:00	1937	$ 6,460	$ 6,602	$ -	$0	$0	$0	$0	$0	$0	$0	$6,602
Scone & Aberdeen	Trunk Mains	69 GRAEME ST	150	1/01/1937 00:00:00	1937	$ 25,329	$ 25,886	$ 25,886	$0	$0	$0	$0	$0	$0	$0	$25,886
Scone & Aberdeen	Reticulation	87 GRAEME ST	100	1/01/1980 00:00:00	1980	$ 2,670	$ 2,729	$ -	$0	$0	$0	$0	$0	$0	$0	$2,729
Scone & Aberdeen	Reticulation	98 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 10,792	$ 11,029	$ -	$0	$0	$0	$0	$0	$0	$0	$11,029
Scone & Aberdeen	Reticulation	98 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 2,415	$ 2,469	$ -	$0	$0	$0	$0	$0	$0	$0	$2,469
Scone & Aberdeen	Reticulation	3 MCLEOD ST	100	1/01/1980 00:00:00	1980	$ 7,058	$ 7,213	$ -	$0	$0	$0	$0	$0	$0	$0	$7,213
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/1977 00:00:00	1977	$ 6,936	$ 7,089	$ -	$0	$0	$0	$0	$0	$0	$0	$7,089
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/1980 00:00:00	1980	$ 1,917	$ 1,959	$ -	$0	$0	$0	$0	$0	$0	$0	$1,959
Scone & Aberdeen	Reticulation	104 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 8,244	$ 8,425	$ -	$0	$0	$0	$0	$0	$0	$0	$8,425
Scone & Aberdeen	Reticulation	97 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 12,764	$ 13,045	$ -	$0	$0	$0	$0	$0	$0	$0	$13,045
Scone & Aberdeen	Reticulation	111 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 8,919	$ 9,116	$ -	$0	$0	$0	$0	$0	$0	$0	$9,116
Scone & Aberdeen	Reticulation	119 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 7,690	$ 7,859	$ -	$0	$0	$0	$0	$0	$0	$0	$7,859
Scone & Aberdeen	Reticulation	114 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 7,579	$ 7,746	$ -	$0	$0	$0	$0	$0	$0	$0	$7,746
Scone & Aberdeen	Reticulation	110 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 1,828	$ 1,868	$ -	$0	$0	$0	$0	$0	$0	$0	$1,868
Scone & Aberdeen	Reticulation	120 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 14,249	$ 14,562	$ -	$0	$0	$0	$0	$0	$0	$0	$14,562
Scone & Aberdeen	Reticulation	131 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 7,557	$ 7,723	$ -	$0	$0	$0	$0	$0	$0	$0	$7,723
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/1977 00:00:00	1977	$ 9,141	$ 9,342	$ -	$0	$0	$0	$0	$0	$0	$0	$9,342
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/1980 00:00:00	1980	$ 22,936	$ 23,440	$ -	$0	$0	$0	$0	$0	$0	$0	$23,440
Scone & Aberdeen	Reticulation	135 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 3,501	$ 3,578	$ -	$0	$0	$0	$0	$0	$0	$0	$3,578
Scone & Aberdeen	Reticulation	135 ST ANDREWS ST	100	1/01/1980 00:00:00	1980	$ 26,337	$ 26,917	$ -	$0	$0	$0	$0	$0	$0	$0	$26,917
Scone & Aberdeen	Reticulation	117 GRAEME ST	100	1/01/1980 00:00:00	1980	$ 11,745	$ 12,003	$ -	$0	$0	$0	$0	$0	$0	$0	$12,003
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1990 00:00:00	1990	$ 22,160	$ 22,648	$ -	$0	$0	$0	$0	$0	$0	$0	$22,648
Scone & Aberdeen	Reticulation	26 MCLEOD ST	100	1/01/1980 00:00:00	1980	$ 16,077	$ 16,431	$ -	$0	$0	$0	$0	$0	$0	$0	$16,431
Scone & Aberdeen	Reticulation	111 GRAEME ST	100	1/01/1980 00:00:00	1980	$ 7,734	$ 7,904	$ -	$0	$0	$0	$0	$0	$0	$0	$7,904
Scone & Aberdeen	Reticulation	113 GRAEME ST	100	1/01/1980 00:00:00	1980	$ 2,194	$ 2,242	$ -	$0	$0	$0	$0	$0	$0	$0	$2,242
Scone & Aberdeen	Reticulation	14 MCLEOD ST	100	1/01/1980 00:00:00	1980	$ 16,753	$ 17,122	$ -	$0	$0	$0	$0	$0	$0	$0	$17,122
Scone & Aberdeen	Reticulation	19 MCLEOD ST	100	1/01/1980 00:00:00	1980	$ 9,595	$ 9,806	$ -	$0	$0	$0	$0	$0	$0	$0	$9,806
Scone & Aberdeen	Reticulation	7 MCLEOD ST	100	1/01/1980 00:00:00	1980	$ 8,853	$ 9,048	$ -	$0	$0	$0	$0	$0	$0	$0	$9,048
Scone & Aberdeen	Reticulation	97 BEDFORD ST	100	1/01/1980 00:00:00	1980	$ 9,385	$ 9,591	$ -	$0	$0	$0	$0	$0	$0	$0	$9,591
Scone & Aberdeen	Reticulation	97 BEDFORD ST	100	1/01/1977 00:00:00	1977	$ 576	$ 589	$ -	$0	$0	$0	$0	$0	$0	$0	$589
Scone & Aberdeen	Reticulation	109 BEDFORD ST	100	1/01/1980 00:00:00	1980	$ 7,701	$ 7,870	$ -	$0	$0	$0	$0	$0	$0	$0	$7,870
Scone & Aberdeen	Reticulation	105 BEDFORD ST	100	1/01/1980 00:00:00	1980	$ 1,806	$ 1,846	$ -	$0	$0	$0	$0	$0	$0	$0	$1,846
Scone & Aberdeen	Reticulation	98 BEDFORD ST	100	1/01/1980 00:00:00	1980	$ 8,864	$ 9,059	$ -	$0	$0	$0	$0	$0	$0	$0	$9,059
Scone & Aberdeen	Reticulation	104 BEDFORD ST	100	1/01/1980 00:00:00	1980	$ 14,881	$ 15,208	$ -	$0	$0	$0	$0	$0	$0	$0	$15,208
Scone & Aberdeen	Reticulation	82 BEDFORD ST	100	1/01/1977 00:00:00	1977	$ 21,030	$ 21,493	$ -	$0	$0	$0	$0	$0	$0	$0	$21,493
Scone & Aberdeen	Reticulation	106 BEDFORD ST	100	1/01/1980 00:00:00	1980	$ 9,606	$ 9,818	$ -	$0	$0	$0	$0	$0	$0	$0	$9,818
Scone & Aberdeen	Reticulation	106 BEDFORD ST	100	1/01/1980 00:00:00	1980	$ 3,679	$ 3,760	$ -	$0	$0	$0	$0	$0	$0	$0	$3,760
Scone & Aberdeen	Reticulation	109 GRAEME ST	100	1/01/1989 00:00:00	1989	$ 3,568	$ 3,646	$ -	$0	$0	$0	$0	$0	$0	$0	$3,646
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1980 00:00:00	1980	$ 10,016	$ 10,237	$ -	$0	$0	$0	$0	$0	$0	$0	$10,237
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1980 00:00:00	1980	$ 233	$ 238	$ -	$0	$0	$0	$0	$0	$0	$0	$238
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1989 00:00:00	1989	$ 4,809	$ 4,915	$ -	$0	$0	$0	$0	$0	$0	$0	$4,915
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1989 00:00:00	1989	$ 3,457	$ 3,533	$ -	$0	$0	$0	$0	$0	$0	$0	$3,533
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1937 00:00:00	1937	$ 654	$ 668	$ -	$0	$0	$0	$0	$0	$0	$0	$668
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1937 00:00:00	1937	$ 2,925	$ 2,990	$ -	$0	$0	$0	$0	$0	$0	$0	$2,990
Scone & Aberdeen	Reticulation	21 ST HELIERS ST	100	1/01/1977 00:00:00	1977	$ 23,567	$ 24,086	$ -	$0	$0	$0	$0	$0	$0	$0	$24,086
Scone & Aberdeen	Trunk Mains	39 ST HELIERS ST	150	1/01/1937 00:00:00	1937	$ 3,673	$ 3,754	$ 3,754	$0	$0	$0	$0	$0	$0	$0	$3,754
Scone & Aberdeen	Trunk Mains	39 ST HELIERS ST	150	1/01/1990 00:00:00	1990	$ 4,986	$ 5,096	$ 5,096	$5,096	$5,096	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	39 ST HELIERS ST	100	1/01/1977 00:00:00	1977	$ 1,895	$ 1,936	$ -	$0	$0	$0	$0	$0	$0	$0	$1,936
Scone & Aberdeen	Trunk Mains	69 GRAEME ST	150	1/01/1977 00:00:00	1977	$ 64,054	$ 65,463	$ 65,463	$0	$0	$0	$0	$0	$0	$0	$65,463
Scone & Aberdeen	Reticulation	8 CAMPBELL ST	100	1/01/1977 00:00:00	1977	$ 28,576	$ 29,204	$ -	$0	$0	$0	$0	$0	$0	$0	$29,204
Scone & Aberdeen	Trunk Mains	17 UPPER CAMPBELL ST	150	1/01/1988 00:00:00	1988	$ 38,459	$ 39,305	$ 39,305	$39,305	$39,305	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	5 CAMPBELL ST	25	1/01/1988 00:00:00	1988	$ 1,994	$ 2,038	$ -	$0	$0	$0	$0	$0	$0	$0	$2,038
Scone & Aberdeen	Reticulation	17 UPPER CAMPBELL ST	100	1/01/1937 00:00:00	1937	$ 31,589	$ 32,284	$ -	$0	$0	$0	$0	$0	$0	$0	$32,284
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1985 00:00:00	1985	$ 1,241	$ 1,268	$ -	$0	$0	$0	$0	$0	$0	$0	$1,268
Scone & Aberdeen	Reticulation	77 BEDFORD ST	100	1/01/1980 00:00:00	1980	$ 920	$ 940	$ -	$0	$0	$0	$0	$0	$0	$0	$940
Scone & Aberdeen	Reticulation	203 MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 13,529	$ 13,826	$ -	$0	$0	$0	$0	$0	$0	$0	$13,826
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1989 00:00:00	1989	$ 6,958	$ 7,111	$ -	$0	$0	$0	$0	$0	$0	$0	$7,111
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1980 00:00:00	1980	$ 1,607	$ 1,642	$ -	$0	$0	$0	$0	$0	$0	$0	$1,642
Scone & Aberdeen	Reticulation	GRAEME ST	100	1/01/1989 00:00:00	1989	$ 16,487	$ 16,850	$ -	$0	$0	$0	$0	$0	$0	$0	$16,850
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 5,130	$ 5,243	$ -	$0	$0	$0	$0	$0	$0	$0	$5,243

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Scone& Aberdeen, Murrurundi and Middlebrook Shared 1	Scone& Aberdeen and Middlebrook Shared 2	Assets Excluded
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 5,773	$ 5,900	$ -	$0	$0	$0	$0	$0	$0	$0	$5,900
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/2000 00:00:00	2000	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/2000 00:00:00	2000	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation	133 MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 12,964	$ 13,249	$ -	$0	$0	$0	$0	$0	$0	$0	$13,249
Scone & Aberdeen	Reticulation	131 MCQUEEN ST	100	1/01/1977 00:00:00	1977	$ 2,260	$ 2,310	$ -	$0	$0	$0	$0	$0	$0	$0	$2,310
Scone & Aberdeen	Reticulation	121 MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 11,955	$ 12,218	$ -	$0	$0	$0	$0	$0	$0	$0	$12,218
Scone & Aberdeen	Reticulation	121 MCQUEEN ST	100	1/01/1989 00:00:00	1989	$ 1,928	$ 1,970	$ -	$0	$0	$0	$0	$0	$0	$0	$1,970
Scone & Aberdeen	Trunk Mains	34 SEGENHOE ST	150	1/01/1937 00:00:00	1937	$ 30,166	$ 30,829	$ 30,829	$0	$0	$0	$0	$0	$0	$0	$30,829
Scone & Aberdeen	Reticulation	34 SEGENHOE ST	100	1/01/1989 00:00:00	1989	$ 18,892	$ 19,307	$ -	$0	$0	$0	$0	$0	$0	$0	$19,307
Scone & Aberdeen	Reticulation	8 GRAEME ST	100	1/01/1989 00:00:00	1989	$ 23,623	$ 24,142	$ -	$0	$0	$0	$0	$0	$0	$0	$24,142
Scone & Aberdeen	Reticulation	21 MORAY ST	100	1/01/1989 00:00:00	1989	$ 465	$ 476	$ -	$0	$0	$0	$0	$0	$0	$0	$476
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/1989 00:00:00	1989	$ 12,543	$ 12,819	$ -	$0	$0	$0	$0	$0	$0	$0	$12,819
Scone & Aberdeen	Reticulation	26 GRAEME ST	100	1/01/1989 00:00:00	1989	$ 7,534	$ 7,700	$ -	$0	$0	$0	$0	$0	$0	$0	$7,700
Scone & Aberdeen	Trunk Mains	95 MCQUEEN ST	150	1/01/1989 00:00:00	1989	$ 2,593	$ 2,650	$ 2,650	$2,650	$2,650	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/1989 00:00:00	1989	$ 15,169	$ 15,502	$ -	$0	$0	$0	$0	$0	$0	$0	$15,502
Scone & Aberdeen	Reticulation	28 GORDON ST	100	1/01/1977 00:00:00	1977	$ 16,122	$ 16,476	$ -	$0	$0	$0	$0	$0	$0	$0	$16,476
Scone & Aberdeen	Reticulation	128 SEGENHOE ST	100	1/01/1977 00:00:00	1977	$ 22,548	$ 23,044	$ -	$0	$0	$0	$0	$0	$0	$0	$23,044
Scone & Aberdeen	Trunk Mains	22 GORDON ST	150	1/01/1989 00:00:00	1989	$ 1,197	$ 1,223	$ 1,223	$1,223	$1,223	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	MCQUEEN ST	150	1/01/1990 00:00:00	1990	$ 56,675	$ 57,921	$ 57,921	$57,921	$57,921	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	MCQUEEN ST	150	1/01/1989 00:00:00	1989	$ 14,509	$ 14,829	$ 14,829	$14,829	$14,829	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	MCQUEEN ST	100	1/01/1989 00:00:00	1989	$ 2,471	$ 2,525	$ -	$0	$0	$0	$0	$0	$0	$0	$2,525
Scone & Aberdeen	Reticulation	13 SEGENHOE ST	100	1/01/1977 00:00:00	1977	$ 19,301	$ 19,726	$ -	$0	$0	$0	$0	$0	$0	$0	$19,726
Scone & Aberdeen	Reticulation	21 MORAY ST	100	1/01/1989 00:00:00	1989	$ 598	$ 611	$ -	$0	$0	$0	$0	$0	$0	$0	$611
Scone & Aberdeen	Trunk Mains	20 MORAY ST	150	1/01/1989 00:00:00	1989	$ 16,836	$ 17,207	$ 17,207	$17,207	$17,207	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	20 MORAY ST	100	1/01/1989 00:00:00	1989	$ 4,000	$ 4,088	$ -	$0	$0	$0	$0	$0	$0	$0	$4,088
Scone & Aberdeen	Trunk Mains	MCQUEEN ST	150	1/01/1989 00:00:00	1989	$ 4,205	$ 4,297	$ 4,297	$4,297	$4,297	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	MCQUEEN ST	25	1/01/1989 00:00:00	1989	$ 2,068	$ 2,113	$ -	$0	$0	$0	$0	$0	$0	$0	$2,113
Scone & Aberdeen	Reticulation	1 SEGENHOE ST	100	1/01/1989 00:00:00	1989	$ 1,163	$ 1,189	$ -	$0	$0	$0	$0	$0	$0	$0	$1,189
Scone & Aberdeen	Reticulation	1 SEGENHOE ST	100	1/01/1937 00:00:00	1937	$ 587	$ 600	$ -	$0	$0	$0	$0	$0	$0	$0	$600
Scone & Aberdeen	Trunk Mains	58 MCQUEEN ST	150	1/01/1989 00:00:00	1989	$ 38,409	$ 39,254	$ 39,254	$39,254	$39,254	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	65 MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 11,313	$ 11,562	$ -	$0	$0	$0	$0	$0	$0	$0	$11,562
Scone & Aberdeen	Reticulation	16 ABERCAIRNEY TER	100	1/01/1990 00:00:00	1990	$ 16,842	$ 17,212	$ -	$0	$0	$0	$0	$0	$0	$0	$17,212
Scone & Aberdeen	Reticulation	6 ABERCAIRNEY TER	100	1/01/1937 00:00:00	1937	$ 13,617	$ 13,917	$ -	$0	$0	$0	$0	$0	$0	$0	$13,917
Scone & Aberdeen	Reticulation	5 SHANNON CL	100	1/01/1982 00:00:00	1982	$ 9,640	$ 9,852	$ -	$0	$0	$0	$0	$0	$0	$0	$9,852
Scone & Aberdeen	Reticulation	11 SHANNON CL	100	1/01/1937 00:00:00	1937	$ 32,564	$ 33,281	$ -	$0	$0	$0	$0	$0	$0	$0	$33,281
Scone & Aberdeen	Reticulation	56 MCQUEEN ST	100	1/01/1986 00:00:00	1986	$ 476	$ 487	$ -	$0	$0	$0	$0	$0	$0	$0	$487
Scone & Aberdeen	Reticulation	44 MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 83	$ 85	$ -	$0	$0	$0	$0	$0	$0	$0	$85
Scone & Aberdeen	Reticulation	36 MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 11,014	$ 11,256	$ -	$0	$0	$0	$0	$0	$0	$0	$11,256
Scone & Aberdeen	Reticulation	56 MCQUEEN ST	100	1/01/1982 00:00:00	1982	$ 8,521	$ 8,708	$ -	$0	$0	$0	$0	$0	$0	$0	$8,708
Scone & Aberdeen	Reticulation	69 MCADAM ST	100	1/01/1986 00:00:00	1986	$ 58,414	$ 59,699	$ -	$0	$0	$0	$0	$0	$0	$0	$59,699
Scone & Aberdeen	Reticulation	JEFFERSON PARK	100	1/01/1988 00:00:00	1988	$ 1,551	$ 1,585	$ -	$0	$0	$0	$0	$0	$0	$0	$1,585
Scone & Aberdeen	Reticulation	35 MCADAM ST	100	1/01/1986 00:00:00	1986	$ 22,548	$ 23,044	$ -	$0	$0	$0	$0	$0	$0	$0	$23,044
Scone & Aberdeen	Reticulation	24 MCQUEEN ST	100	1/01/1937 00:00:00	1937	$ 16,642	$ 17,008	$ -	$0	$0	$0	$0	$0	$0	$0	$17,008
Scone & Aberdeen	Reticulation	5 HALL ST	100	1/01/1937 00:00:00	1937	$ 14,260	$ 14,574	$ -	$0	$0	$0	$0	$0	$0	$0	$14,574
Scone & Aberdeen	Reticulation	10 HALL ST	100	1/01/1937 00:00:00	1937	$ 4,399	$ 4,496	$ -	$0	$0	$0	$0	$0	$0	$0	$4,496
Scone & Aberdeen	Reticulation	10 HALL ST	100	1/01/1937 00:00:00	1937	$ 7,889	$ 8,063	$ -	$0	$0	$0	$0	$0	$0	$0	$8,063
Scone & Aberdeen	Reticulation	4 GUNDEBRI ST	100	1/01/1937 00:00:00	1937	$ 17,418	$ 17,801	$ -	$0	$0	$0	$0	$0	$0	$0	$17,801
Scone & Aberdeen	Reticulation	4 GUNDEBRI ST	100	1/07/2007 00:00:00	2007	$ 17,507	$ 17,892	$ -	$0	$0	$0	$0	$0	$0	$0	$17,892
Scone & Aberdeen	Reticulation	4 NANDOWRA ST	100	1/01/1937 00:00:00	1937	$ 18,293	$ 18,696	$ -	$0	$0	$0	$0	$0	$0	$0	$18,696
Scone & Aberdeen	Reticulation	4 NANDOWRA ST	100	1/07/2007 00:00:00	2007	$ 18,293	$ 18,696	$ -	$0	$0	$0	$0	$0	$0	$0	$18,696
Scone & Aberdeen	Reticulation	14 SHANNON CL	100	1/01/1982 00:00:00	1982	$ 7,446	$ 7,610	$ -	$0	$0	$0	$0	$0	$0	$0	$7,610
Scone & Aberdeen	Reticulation	18 SHANNON CL	25	1/01/1982 00:00:00	1982	$ 2,626	$ 2,684	$ -	$0	$0	$0	$0	$0	$0	$0	$2,684
Scone & Aberdeen	Reticulation	CAMPBELL ST	100	1/01/1977 00:00:00	1977	$ 14,626	$ 14,947	$ -	$0	$0	$0	$0	$0	$0	$0	$14,947
Scone & Aberdeen	Reticulation	92 PERTH ST	100	1/01/1977 00:00:00	1977	$ 12,442	$ 12,716	$ -	$0	$0	$0	$0	$0	$0	$0	$12,716
Scone & Aberdeen	Reticulation	PERTH ST	100	1/01/2000 00:00:00	2000	$ 443	$ 453	$ -	$0	$0	$0	$0	$0	$0	$0	$453
Scone & Aberdeen	Trunk Mains	PERTH ST	150	1/01/2000 00:00:00	2000	$ 50,193	$ 51,297	$ 51,297	$51,297	$51,297	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	PERTH ST	100	1/01/2000 00:00:00	2000	$ 40,110	$ 40,992	$ -	$0	$0	$0	$0	$0	$0	$0	$40,992
Scone & Aberdeen	Trunk Mains	PERTH ST	150	1/01/2000 00:00:00	2000	$ 23,268	$ 23,780	$ 23,780	$23,780	$23,780	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	42 CAMPBELL ST	100	1/01/1977 00:00:00	1977	$ 22,969	$ 23,474	$ -	$0	$0	$0	$0	$0	$0	$0	$23,474
Scone & Aberdeen	Reticulation	79 ST ANDREWS ST	100	1/01/1977 00:00:00	1977	$ 2,438	$ 2,491	$ -	$0	$0	$0	$0	$0	$0	$0	$2,491
Scone & Aberdeen	Reticulation	49 CAMPBELL ST	100	1/01/1937 00:00:00	1937	$ 24,853	$ 25,399	$ -	$0	$0	$0	$0	$0	$0	$0	$25,399
Scone & Aberdeen	Reticulation	49 CAMPBELL ST	100	1/01/1937 00:00:00	1937	$ 1,086	$ 1,110	$ -	$0	$0	$0	$0	$0	$0	$0	$1,110
Scone & Aberdeen	Reticulation	92 ST ANDREWS ST	100	1/01/1937 00:00:00	1937	$ 32,287	$ 32,998	$ -	$0	$0	$0	$0	$0	$0	$0	$32,998
Scone & Aberdeen	Reticulation	47 CAMPBELL ST	100	1/01/1937 00:00:00	1937	$ 6,526	$ 6,670	$ -	$0	$0	$0	$0	$0	$0	$0	$6,670
Scone & Aberdeen	Reticulation	41 CAMPBELL ST	100	1/01/1937 00:00:00	1937	$ 4,864	$ 4,971	$ -	$0	$0	$0	$0	$0	$0	$0	$4,971
Scone & Aberdeen	Reticulation	6 MARGARET PL	100	1/01/1985 00:00:00	1985	$ 6,194	$ 6,330	$ -	$0	$0	$0	$0	$0	$0	$0	$6,330
Scone & Aberdeen	Reticulation	JEAN OBRYAN PLACE	100	1/01/1995 00:00:00	1995	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation	JEAN OBRYAN PLACE	100	1/01/1995 00:00:00	1995	$ 9,196	$ 9,399	$ -	$0	$0	$0	$0	$0	$0	$0	$9,399
Scone & Aberdeen	Reticulation	JEAN OBRYAN PLACE	100	1/01/1995 00:00:00	1995	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation	JEAN OBRYAN PLACE	100	1/01/1995 00:00:00	1995	$ 12,188	$ 12,456	$ -	$0	$0	$0	$0	$0	$0	$0	$12,456
Scone & Aberdeen	Reticulation	JEAN OBRYAN PLACE	100	1/01/1995 00:00:00	1995	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation	Perth Street	100	17/05/2008 00:00:00	2008	$ 20,337	$ 20,785	$ -	$0	$0	$0	$0	$0	$0	$0	$20,785
Scone & Aberdeen	Reticulation	Perth Street	100	17/05/2008 00:00:00	2008	$ 23,484	$ 24,001	$ -	$0	$0	$0	$0	$0	$0	$0	$24,001
Scone & Aberdeen	Reticulation	Perth Street	100	17/05/2008 00:00:00	2008	$ 2,201	$ 2,249	$ -	$0	$0	$0	$0	$0	$0	$0	$2,249
Scone & Aberdeen	Reticulation	Mount Street	100	30/07/2007 00:00:00	2007	$ 23,372	$ 23,886	$ -	$0	$0	$0	$0	$0	$0	$0	$23,886
Scone & Aberdeen	Reticulation	Mount Street	100	30/07/2007 00:00:00	2007	$ 23,273	$ 23,785	$ -	$0	$0	$0	$0	$0	$0	$0	$23,785
Scone & Aberdeen	Reticulation	Campbell Street	100	30/06/2008 00:00:00	2008	$ 18,675	$ 19,086	$ -	$0	$0	$0	$0	$0	$0	$0	$19,086
Scone & Aberdeen	Reticulation	Campbell Street	100	30/06/2008 00:00:00	2008	$ 19,936	$ 20,375	$ -	$0	$0	$0	$0	$0	$0	$0	$20,375
Scone & Aberdeen	Reticulation	Macqueen Street	100	30/06/2008 00:00:00	2008	$ 14,958	$ 15,287	$ -	$0	$0	$0	$0	$0	$0	$0	$15,287
Scone & Aberdeen	Reticulation	Campbell Street	100	23/10/2008 00:00:00	2008	$ 18,061	$ 18,458	$ -	$0	$0	$0	$0	$0	$0	$0	$18,458

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Scone& Aberdeen, Murrurundi and Middlebrook Shared 1	Scone& Aberdeen and Middlebrook Shared 2	Assets Excluded
Scone & Aberdeen	Reticulation	Campbell/Bedford Sts intersection (east)	100	23/10/2008 0:00	2008	$ 2,327	$ 2,378	$ -	$0	$0	$0	$0	$0	$0	$0	$2,378
Scone & Aberdeen	Reticulation	Campbell Street	100	23/10/2008 00:00:00	2008	$ 15,115	$ 15,448	$ -	$0	$0	$0	$0	$0	$0	$0	$15,448
Scone & Aberdeen	Reticulation	Campbell Street	100	23/10/2008 00:00:00	2008	$ 7,834	$ 8,006	$ -	$0	$0	$0	$0	$0	$0	$0	$8,006
Scone & Aberdeen	Reticulation	Campbell/St Andrew Sts (east)	100	23/10/2008 00:00:00	2008	$ 2,865	$ 2,928	$ -	$0	$0	$0	$0	$0	$0	$0	$2,928
Scone & Aberdeen	Reticulation	Campbell Street	100	23/10/2008 00:00:00	2008	$ 23,608	$ 24,128	$ -	$0	$0	$0	$0	$0	$0	$0	$24,128
Scone & Aberdeen	Reticulation	Campbell/Perth Sts (east)	100	23/10/2008 00:00:00	2008	$ 2,147	$ 2,195	$ -	$0	$0	$0	$0	$0	$0	$0	$2,195
Scone & Aberdeen	Reticulation	St Andrew Street	100	23/10/2008 00:00:00	2008	$ 18,731	$ 19,143	$ -	$0	$0	$0	$0	$0	$0	$0	$19,143
Scone & Aberdeen	Reticulation	ELDON ST	100	1/01/1937 00:00:00	1937	$ 12,077	$ 12,343	$ -	$0	$0	$0	$0	$0	$0	$0	$12,343
Scone & Aberdeen	Reticulation	21 BEDFORD ST	100	1/01/1937 00:00:00	1937	$ 12,853	$ 13,136	$ -	$0	$0	$0	$0	$0	$0	$0	$13,136
Scone & Aberdeen	Reticulation	63 SEGENHOE ST	100	1/01/1937 00:00:00	1937	$ 2,460	$ 2,514	$ -	$0	$0	$0	$0	$0	$0	$0	$2,514
Scone & Aberdeen	Reticulation	129 MCQUEEN ST	100	1/01/1983 00:00:00	1983	$ 2,770	$ 2,831	$ -	$0	$0	$0	$0	$0	$0	$0	$2,831
Scone & Aberdeen	Reticulation	38 SEGENHOE ST	100	1/01/1937 00:00:00	1937	$ 21,385	$ 21,855	$ -	$0	$0	$0	$0	$0	$0	$0	$21,855
Scone & Aberdeen	Reticulation	Segenhoe Street	100	30/06/2008 00:00:00	2008	$ 20,055	$ 20,496	$ -	$0	$0	$0	$0	$0	$0	$0	$20,496
Scone & Aberdeen	Reticulation		100	30/06/2008 00:00:00	2008	$ 9,640	$ 9,852	$ -	$0	$0	$0	$0	$0	$0	$0	$9,852
Scone & Aberdeen	Reticulation		100	30/06/2008 00:00:00	2008	$ 3,546	$ 3,624	$ -	$0	$0	$0	$0	$0	$0	$0	$3,624
Scone & Aberdeen	Reticulation	Mount St, Bedford to Graeme; west side	100	1/01/1937 00:00:00	1937	$ 97,304	$ 99,445	$ -	$0	$0	$0	$0	$0	$0	$0	$99,445
Scone & Aberdeen	Reticulation	270/370 MCQUEEN ST	100	1/01/1986 00:00:00	1986	$ 25,817	$ 26,385	$ -	$0	$0	$0	$0	$0	$0	$0	$26,385
Scone & Aberdeen	Water Valn record Pipes	"W/O 4265. Perth St water sewer realignment"		30/06/2013 00:00:00	2013	$ 53,004	$ 54,170	$ 54,170	$54,170	$54,170	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4274. Abn-Eldon St Mains Replacment		30/06/2013 00:00:00	2013	$ 8,781	$ 8,975	$ 8,975	$8,975	$8,975	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O xxxx. Aberdeen Subdivision		30/06/2013 00:00:00	2013	$ 132,548	$ 135,464	$ 135,464	$135,464	$135,464	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4184. Mwa - Mains/Valve Replacement Program		30/06/2013 00:00:00	2013	$ 11,256	$ 11,504	$ 11,504	$11,504	$11,504	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Intersection of Perth and Campbell St	100	1/01/1977 00:00:00	1977	$ 2,716	$ 2,775	$ -	$0	$0	$0	$0	$0	$0	$0	$2,775
Scone & Aberdeen	Reticulation	92 PERTH ST	100	1/01/1977 00:00:00	1977	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Perth St	100	1/01/1977 00:00:00	1977	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Perth St	100	20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Perth St	100	20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Perth St	100	20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Perth St	100	20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Perth St	100	20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Perth St	150	20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Perth St	150	20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	125-143 Graeme St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Graeme St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Graeme St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Abercairney Tce		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Segenhoe St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Road Crossing Segenhoe St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Alexander Cl		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Mount St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Kyuga St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	St. Andrew St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Segenhoe St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Wattle St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Campbell St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Campbell St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Bedford St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Graeme St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Graeme St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Graeme St		20/05/2013 00:00:00	2013	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4191. Abn - Bedford St (Rail Tracks-Campbell)		30/06/2014 00:00:00	2014	$ 102,160	$ 104,407	$ 104,407	$104,407	$104,407	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4370. Abn - Bedford St Main(Segenhoe-Macqueen)		30/06/2014 00:00:00	2014	$ 23,667	$ 24,187	$ 24,187	$24,187	$24,187	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4424. Abn - Kyuga St (Bedford to Graeme)		30/06/2014 00:00:00	2014	$ 34,202	$ 34,955	$ 34,955	$34,955	$34,955	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4190. Abn - Upp Campbell St (Graham-Reservoir)		30/06/2015 00:00:00	2015	$ 114,804	$ 117,330	$ 117,330	$117,330	$117,330	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4275. Abd-Short St Mains replacement		30/06/2015 00:00:00	2015	$ 33,447	$ 34,183	$ 34,183	$34,183	$34,183	$0	$0	$0	$0	$0	$0
Cassilis	Water Rising Main	0 - 10	100	1/01/1967 00:00:00	1967	$ 805	$ 823	$ 823	$0	$0	$0	$0	$0	$0	$0	$823
Cassilis	Water Rising Main	10 - 20	100	1/01/1967 00:00:00	1967	$ 3,356	$ 3,430	$ 3,430	$0	$0	$0	$0	$0	$0	$0	$3,430
Cassilis	Water Rising Main	20 - 30	100	1/01/1967 00:00:00	1967	$ 12,584	$ 12,861	$ 12,861	$0	$0	$0	$0	$0	$0	$0	$12,861
Cassilis	Water Rising Main	30 - 40	100	1/01/1967 00:00:00	1967	$ 168	$ 171	$ 171	$0	$0	$0	$0	$0	$0	$0	$171
Cassilis	Water Rising Main	40 - 50	100	1/01/1967 00:00:00	1967	$ 24,471	$ 25,010	$ 25,010	$0	$0	$0	$0	$0	$0	$0	$25,010
Cassilis	Water Rising Main	30 - 210	100	1/07/1967 00:00:00	1967	$ 285	$ 292	$ 292	$0	$0	$0	$0	$0	$0	$0	$292
Cassilis	Water Rising Main	100 - 110	80	1/01/1967 00:00:00	1967	$ 15,483	$ 15,824	$ 15,824	$0	$0	$0	$0	$0	$0	$0	$15,824
Cassilis	Water Rising Main	110 - 120	80	1/01/1967 00:00:00	1967	$ 1,715	$ 1,753	$ 1,753	$0	$0	$0	$0	$0	$0	$0	$1,753
Cassilis	Water Rising Main	120 - 130	80	1/01/1967 00:00:00	1967	$ 2,420	$ 2,473	$ 2,473	$0	$0	$0	$0	$0	$0	$0	$2,473
Cassilis	Water Rising Main	130 - 140	80	1/01/1967 00:00:00	1967	$ 984	$ 1,006	$ 1,006	$0	$0	$0	$0	$0	$0	$0	$1,006
Cassilis	Water Rising Main	140 - 10	80	1/01/1967 00:00:00	1967	$ 186	$ 190	$ 190	$0	$0	$0	$0	$0	$0	$0	$190
Cassilis	Reticulation	200 - 210	100	1/01/1967 00:00:00	1967	$ 32,753	$ 33,473	$ -	$0	$0	$0	$0	$0	$0	$0	$33,473
Cassilis	Reticulation	210 - 220	100	1/01/1967 00:00:00	1967	$ 13,695	$ 13,996	$ -	$0	$0	$0	$0	$0	$0	$0	$13,996
Cassilis	Reticulation	220 - 230	100	1/01/1967 00:00:00	1967	$ 1,629	$ 1,665	$ -	$0	$0	$0	$0	$0	$0	$0	$1,665
Cassilis	Reticulation	230 - 240	100	1/01/1967 00:00:00	1967	$ 9,850	$ 10,067	$ -	$0	$0	$0	$0	$0	$0	$0	$10,067
Cassilis	Reticulation	230 - 250	100	1/01/1967 00:00:00	1967	$ 24,620	$ 25,162	$ -	$0	$0	$0	$0	$0	$0	$0	$25,162
Cassilis	Reticulation	250 - 260	100	1/01/1967 00:00:00	1967	$ 16,232	$ 16,589	$ -	$0	$0	$0	$0	$0	$0	$0	$16,589
Cassilis	Reticulation	250 - 270	100	1/01/1967 00:00:00	1967	$ 7,667	$ 7,836	$ -	$0	$0	$0	$0	$0	$0	$0	$7,836
Cassilis	Reticulation	270 - 280	100	1/01/1967 00:00:00	1967	$ 2,892	$ 2,956	$ -	$0	$0	$0	$0	$0	$0	$0	$2,956
Cassilis	Reticulation	280 - 290	100	1/01/1967 00:00:00	1967	$ 12,476	$ 12,751	$ -	$0	$0	$0	$0	$0	$0	$0	$12,751
Cassilis	Reticulation	290 - 300	100	1/01/1967 00:00:00	1967	$ 742	$ 759	$ -	$0	$0	$0	$0	$0	$0	$0	$759
Cassilis	Reticulation	300 - 310	100	1/01/1967 00:00:00	1967	$ 21,639	$ 22,115	$ -	$0	$0	$0	$0	$0	$0	$0	$22,115
Cassilis	Reticulation	250 - 320	100	1/01/1967 00:00:00	1967	$ 11,003	$ 11,245	$ -	$0	$0	$0	$0	$0	$0	$0	$11,245
Merriwa	Water Rising Main		150	1/07/2006 00:00:00	2006	$ 34,681	$ 35,444	$ 35,444	$35,444	$0	$35,444	$0	$0	$0	$0	$0
Merriwa	Water Rising Main		150	1/07/1994 00:00:00	1994	$ 5,318	$ 5,435	$ 5,435	$5,435	$0	$5,435	$0	$0	$0	$0	$0
Merriwa	Water Rising Main		150	1/07/1977 00:00:00	1977	$ 44,099	$ 45,069	$ 45,069	$0	$0	$0	$0	$0	$0	$0	$45,069

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

														Scone& Aberdeen, Murrurundi and Middlebrook	Scone& Aberdeen and Middlebrook	
Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1	Shared 2	Assets Excluded
Merriwa	Water Rising Main	Replaced by 50A/71A (new 2009) Vennachar St	150	1/07/1957 00:00:00	1957	$ 12,520	$ 12,796	$ 12,796	$0	$0	$0	$0	$0	$0	$0	$12,796
Merriwa	Water Rising Main	Replaced by 50A/71A (new 2009) Vennachar St	150	1/07/1957 00:00:00	1957	$ 11,523	$ 11,777	$ 11,777	$0	$0	$0	$0	$0	$0	$0	$11,777
Merriwa	Water Rising Main		150	1/07/1957 00:00:00	1957	$ 38,005	$ 38,841	$ 38,841	$0	$0	$0	$0	$0	$0	$0	$38,841
Merriwa	Water Rising Main		150	1/07/1994 00:00:00	1994	$ 5,208	$ 5,322	$ 5,322	$5,322	$0	$5,322	$0	$0	$0	$0	$0
Merriwa	Water Rising Main		150	1/07/1957 00:00:00	1957	$ 44,099	$ 45,069	$ 45,069	$0	$0	$0	$0	$0	$0	$0	$45,069
Merriwa	Water Rising Main		150	1/07/1987 00:00:00	1987	$ 47,866	$ 48,919	$ 48,919	$48,919	$0	$48,919	$0	$0	$0	$0	$0
Merriwa	Water Rising Main		150	1/07/1987 00:00:00	1987	$ 12,742	$ 13,022	$ 13,022	$13,022	$0	$13,022	$0	$0	$0	$0	$0
Merriwa	Water Rising Main	Replaced by 50A/71A (new 2009) LangleyVennachar St	150	5/05/2009 00:00:00	2009	$ 29,030	$ 29,668	$ 29,668	$29,668	$0	$29,668	$0	$0	$0	$0	$0
Merriwa	Trunk Mains		250	1/07/1957 00:00:00	1957	$ 17,222	$ 17,600	$ 17,600	$0	$0	$0	$0	$0	$0	$0	$17,600
Merriwa	Trunk Mains		250	1/07/1977 00:00:00	1977	$ 71,577	$ 73,152	$ 73,152	$0	$0	$0	$0	$0	$0	$0	$73,152
Merriwa	Trunk Mains		250	1/07/1994 00:00:00	1994	$ 13,185	$ 13,475	$ 13,475	$13,475	$0	$13,475	$0	$0	$0	$0	$0
Merriwa	Trunk Mains		250	1/07/1994 00:00:00	1994	$ 10,225	$ 10,450	$ 10,450	$10,450	$0	$10,450	$0	$0	$0	$0	$0
Merriwa	Reticulation		100	1/07/1994 00:00:00	1994	$ 18,171	$ 18,571	$ -	$0	$0	$0	$0	$0	$0	$0	$18,571
Merriwa	Trunk Mains		200	1/07/1977 00:00:00	1977	$ 23,252	$ 23,764	$ 23,764	$0	$0	$0	$0	$0	$0	$0	$23,764
Merriwa	Trunk Mains		200	1/07/1957 00:00:00	1957	$ 23,252	$ 23,764	$ 23,764	$0	$0	$0	$0	$0	$0	$0	$23,764
Merriwa	Trunk Mains		200	1/07/1977 00:00:00	1977	$ 2,264	$ 2,313	$ 2,313	$0	$0	$0	$0	$0	$0	$0	$2,313
Merriwa	Reticulation		100	1/07/1985 00:00:00	1985	$ 4,432	$ 4,530	$ -	$0	$0	$0	$0	$0	$0	$0	$4,530
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 23,157	$ 23,667	$ -	$0	$0	$0	$0	$0	$0	$0	$23,667
Merriwa	Trunk Mains	May be R260/R270?	200	1/07/1977 00:00:00	1977	$ 26,750	$ 27,339	$ 27,339	$0	$0	$0	$0	$0	$0	$0	$27,339
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 23,047	$ 23,554	$ -	$0	$0	$0	$0	$0	$0	$0	$23,554
Merriwa	Trunk Mains		200	1/07/1977 00:00:00	1977	$ 15,227	$ 15,562	$ 15,562	$0	$0	$0	$0	$0	$0	$0	$15,562
Merriwa	Trunk Mains		200	1/07/1977 00:00:00	1977	$ 21,195	$ 21,661	$ 21,661	$0	$0	$0	$0	$0	$0	$0	$21,661
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 47,755	$ 48,806	$ -	$0	$0	$0	$0	$0	$0	$0	$48,806
Merriwa	Trunk Mains		200	1/07/1977 00:00:00	1977	$ 46,299	$ 47,317	$ 47,317	$0	$0	$0	$0	$0	$0	$0	$47,317
Merriwa	Reticulation		100	1/07/1977 00:00:00	1977	$ 166	$ 170	$ -	$0	$0	$0	$0	$0	$0	$0	$170
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 18,504	$ 18,911	$ -	$0	$0	$0	$0	$0	$0	$0	$18,911
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 25,706	$ 26,271	$ -	$0	$0	$0	$0	$0	$0	$0	$26,271
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 24,598	$ 25,139	$ -	$0	$0	$0	$0	$0	$0	$0	$25,139
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 443	$ 453	$ -	$0	$0	$0	$0	$0	$0	$0	$453
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 2,438	$ 2,491	$ -	$0	$0	$0	$0	$0	$0	$0	$2,491
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 25,706	$ 26,271	$ -	$0	$0	$0	$0	$0	$0	$0	$26,271
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 37,561	$ 38,388	$ -	$0	$0	$0	$0	$0	$0	$0	$38,388
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 25,152	$ 25,705	$ -	$0	$0	$0	$0	$0	$0	$0	$25,705
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 11,745	$ 12,003	$ -	$0	$0	$0	$0	$0	$0	$0	$12,003
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 9,529	$ 9,739	$ -	$0	$0	$0	$0	$0	$0	$0	$9,739
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 2,659	$ 2,718	$ -	$0	$0	$0	$0	$0	$0	$0	$2,718
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 13,739	$ 14,042	$ -	$0	$0	$0	$0	$0	$0	$0	$14,042
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 27,035	$ 27,630	$ -	$0	$0	$0	$0	$0	$0	$0	$27,630
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 1,994	$ 2,038	$ -	$0	$0	$0	$0	$0	$0	$0	$2,038
Merriwa	Trunk Mains		200	1/07/1957 00:00:00	1957	$ 21,400	$ 21,871	$ 21,871	$0	$0	$0	$0	$0	$0	$0	$21,871
Merriwa	Trunk Mains		150	1/07/1957 00:00:00	1957	$ 21,108	$ 21,572	$ 21,572	$0	$0	$0	$0	$0	$0	$0	$21,572
Merriwa	Trunk Mains		200	1/07/1957 00:00:00	1957	$ 49,591	$ 50,682	$ 50,682	$0	$0	$0	$0	$0	$0	$0	$50,682
Merriwa	Trunk Mains		200	1/07/1957 00:00:00	1957	$ 25,104	$ 25,657	$ 25,657	$0	$0	$0	$0	$0	$0	$0	$25,657
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 34,016	$ 34,764	$ -	$0	$0	$0	$0	$0	$0	$0	$34,764
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 22,603	$ 23,101	$ -	$0	$0	$0	$0	$0	$0	$0	$23,101
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 24,487	$ 25,026	$ -	$0	$0	$0	$0	$0	$0	$0	$25,026
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 24,598	$ 25,139	$ -	$0	$0	$0	$0	$0	$0	$0	$25,139
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 11,191	$ 11,437	$ -	$0	$0	$0	$0	$0	$0	$0	$11,437
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 14,182	$ 14,495	$ -	$0	$0	$0	$0	$0	$0	$0	$14,495
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 22,714	$ 23,214	$ -	$0	$0	$0	$0	$0	$0	$0	$23,214
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 25,484	$ 26,045	$ -	$0	$0	$0	$0	$0	$0	$0	$26,045
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 27,700	$ 28,310	$ -	$0	$0	$0	$0	$0	$0	$0	$28,310
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 12,520	$ 12,796	$ -	$0	$0	$0	$0	$0	$0	$0	$12,796
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 776	$ 793	$ -	$0	$0	$0	$0	$0	$0	$0	$793
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 22,825	$ 23,327	$ -	$0	$0	$0	$0	$0	$0	$0	$23,327
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 26,260	$ 26,838	$ -	$0	$0	$0	$0	$0	$0	$0	$26,838
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 2,327	$ 2,378	$ -	$0	$0	$0	$0	$0	$0	$0	$2,378
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 288	$ 294	$ -	$0	$0	$0	$0	$0	$0	$0	$294
Merriwa	Trunk Mains		150	1/07/1957 00:00:00	1957	$ 29,418	$ 30,065	$ 30,065	$0	$0	$0	$0	$0	$0	$0	$30,065
Merriwa	Trunk Mains		150	1/07/1957 00:00:00	1957	$ 22,105	$ 22,591	$ 22,591	$0	$0	$0	$0	$0	$0	$0	$22,591
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 11,966	$ 12,230	$ -	$0	$0	$0	$0	$0	$0	$0	$12,230
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 15,623	$ 15,967	$ -	$0	$0	$0	$0	$0	$0	$0	$15,967
Merriwa	Reticulation		50	1/07/1957 00:00:00	1957	$ 997	$ 1,019	$ -	$0	$0	$0	$0	$0	$0	$0	$1,019
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 13,961	$ 14,268	$ -	$0	$0	$0	$0	$0	$0	$0	$14,268
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 4,543	$ 4,643	$ -	$0	$0	$0	$0	$0	$0	$0	$4,643
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 14,515	$ 14,834	$ -	$0	$0	$0	$0	$0	$0	$0	$14,834
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 43,877	$ 44,842	$ -	$0	$0	$0	$0	$0	$0	$0	$44,842
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 17,507	$ 17,892	$ -	$0	$0	$0	$0	$0	$0	$0	$17,892
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 3,102	$ 3,171	$ -	$0	$0	$0	$0	$0	$0	$0	$3,171
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 30,692	$ 31,367	$ -	$0	$0	$0	$0	$0	$0	$0	$31,367
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 14,404	$ 14,721	$ -	$0	$0	$0	$0	$0	$0	$0	$14,721
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 1,440	$ 1,472	$ -	$0	$0	$0	$0	$0	$0	$0	$1,472
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 8,642	$ 8,833	$ -	$0	$0	$0	$0	$0	$0	$0	$8,833
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 12,077	$ 12,343	$ -	$0	$0	$0	$0	$0	$0	$0	$12,343
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 30,027	$ 30,688	$ -	$0	$0	$0	$0	$0	$0	$0	$30,688
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 63,821	$ 65,225	$ -	$0	$0	$0	$0	$0	$0	$0	$65,225
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 2,992	$ 3,057	$ -	$0	$0	$0	$0	$0	$0	$0	$3,057
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 48,309	$ 49,372	$ -	$0	$0	$0	$0	$0	$0	$0	$49,372
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 1,219	$ 1,246	$ -	$0	$0	$0	$0	$0	$0	$0	$1,246
Merriwa	Reticulation	Betting St,Bow to Vennacher	100	1/07/2005 00:00:00	2005	$ 27,146	$ 27,743	$ -	$0	$0	$0	$0	$0	$0	$0	$27,743

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1 (Scone& Aberdeen, Murrurundi and Middlebrook)	Shared 2 (Scone& Aberdeen and Middlebrook)	Assets Excluded
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 6,426	$ 6,568	$ -	$0	$0	$0	$0	$0	$0	$0	$6,568
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 11,523	$ 11,777	$ -	$0	$0	$0	$0	$0	$0	$0	$11,777
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 6,205	$ 6,341	$ -	$0	$0	$0	$0	$0	$0	$0	$6,341
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 15,734	$ 16,080	$ -	$0	$0	$0	$0	$0	$0	$0	$16,080
Merriwa	Reticulation		100	1/07/2000 00:00:00	2000	$ 11,080	$ 11,324	$ -	$0	$0	$0	$0	$0	$0	$0	$11,324
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 9,529	$ 9,739	$ -	$0	$0	$0	$0	$0	$0	$0	$9,739
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 6,094	$ 6,228	$ -	$0	$0	$0	$0	$0	$0	$0	$6,228
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 13,407	$ 13,702	$ -	$0	$0	$0	$0	$0	$0	$0	$13,702
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 23,601	$ 24,120	$ -	$0	$0	$0	$0	$0	$0	$0	$24,120
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 15,734	$ 16,080	$ -	$0	$0	$0	$0	$0	$0	$0	$16,080
Merriwa	Reticulation		100	1/07/1990 00:00:00	1990	$ 22,493	$ 22,987	$ -	$0	$0	$0	$0	$0	$0	$0	$22,987
Merriwa	Reticulation		100	1/07/1990 00:00:00	1990	$ 19,944	$ 20,383	$ -	$0	$0	$0	$0	$0	$0	$0	$20,383
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 25,484	$ 26,045	$ -	$0	$0	$0	$0	$0	$0	$0	$26,045
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 11,191	$ 11,437	$ -	$0	$0	$0	$0	$0	$0	$0	$11,437
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 22,049	$ 22,534	$ -	$0	$0	$0	$0	$0	$0	$0	$22,534
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 22,603	$ 23,101	$ -	$0	$0	$0	$0	$0	$0	$0	$23,101
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 4,875	$ 4,982	$ -	$0	$0	$0	$0	$0	$0	$0	$4,982
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 27,479	$ 28,083	$ -	$0	$0	$0	$0	$0	$0	$0	$28,083
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 1,551	$ 1,585	$ -	$0	$0	$0	$0	$0	$0	$0	$1,585
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 12,299	$ 12,569	$ -	$0	$0	$0	$0	$0	$0	$0	$12,569
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 24,487	$ 25,026	$ -	$0	$0	$0	$0	$0	$0	$0	$25,026
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 24,487	$ 25,026	$ -	$0	$0	$0	$0	$0	$0	$0	$25,026
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 12,299	$ 12,569	$ -	$0	$0	$0	$0	$0	$0	$0	$12,569
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 16,842	$ 17,212	$ -	$0	$0	$0	$0	$0	$0	$0	$17,212
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 7,645	$ 7,813	$ -	$0	$0	$0	$0	$0	$0	$0	$7,813
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 16,509	$ 16,873	$ -	$0	$0	$0	$0	$0	$0	$0	$16,873
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 19,501	$ 19,930	$ -	$0	$0	$0	$0	$0	$0	$0	$19,930
Merriwa	Reticulation		100	1/07/1970 00:00:00	1970	$ 13,739	$ 14,042	$ -	$0	$0	$0	$0	$0	$0	$0	$14,042
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 26,149	$ 26,724	$ -	$0	$0	$0	$0	$0	$0	$0	$26,724
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 9,418	$ 9,625	$ -	$0	$0	$0	$0	$0	$0	$0	$9,625
Merriwa	Reticulation		38	1/07/1994 00:00:00	1994	$ 5,651	$ 5,775	$ -	$0	$0	$0	$0	$0	$0	$0	$5,775
Merriwa	Reticulation		38	1/07/1988 00:00:00	1988	$ 5,651	$ 5,775	$ -	$0	$0	$0	$0	$0	$0	$0	$5,775
Merriwa	Reticulation		100	1/07/1957 00:00:00	1957	$ 33,794	$ 34,538	$ -	$0	$0	$0	$0	$0	$0	$0	$34,538
Merriwa	Reticulation		50	1/07/1980 00:00:00	1980	$ 16,620	$ 16,986	$ -	$0	$0	$0	$0	$0	$0	$0	$16,986
Merriwa	Reticulation		75	1/07/1957 00:00:00	1957	$ 42,437	$ 43,370	$ -	$0	$0	$0	$0	$0	$0	$0	$43,370
Merriwa	Trunk Mains		150	1/07/1991 00:00:00	1991	$ 100,053	$ 102,254	$ 102,254	$102,254	$0	$102,254	$0	$0	$0	$0	$0
Merriwa	Reticulation		100	1/07/1991 00:00:00	1991	$ 63,046	$ 64,433	$ -	$0	$0	$0	$0	$0	$0	$0	$64,433
Merriwa	Reticulation		100	1/07/1991 00:00:00	1991	$ 27,257	$ 27,857	$ -	$0	$0	$0	$0	$0	$0	$0	$27,857
Merriwa	Reticulation		100	1/07/1996 00:00:00	1996	$ 38,115	$ 38,954	$ -	$0	$0	$0	$0	$0	$0	$0	$38,954
Merriwa	Reticulation		100	1/07/1996 00:00:00	1996	$ 115,787	$ 118,334	$ -	$0	$0	$0	$0	$0	$0	$0	$118,334
Merriwa	Reticulation		100	1/07/1996 00:00:00	1996	$ 2,105	$ 2,152	$ -	$0	$0	$0	$0	$0	$0	$0	$2,152
Merriwa	Reticulation		100	1/07/1996 00:00:00	1996	$ 13,407	$ 13,702	$ -	$0	$0	$0	$0	$0	$0	$0	$13,702
Merriwa	Reticulation		100	1/07/1996 00:00:00	1996	$ 2,327	$ 2,378	$ -	$0	$0	$0	$0	$0	$0	$0	$2,378
Merriwa	Reticulation		100	1/07/1996 00:00:00	1996	$ 12,742	$ 13,022	$ -	$0	$0	$0	$0	$0	$0	$0	$13,022
Merriwa	Reticulation		100	1/07/1996 00:00:00	1996	$ 26,592	$ 27,177	$ -	$0	$0	$0	$0	$0	$0	$0	$27,177
Merriwa	Reticulation		100	1/07/2004 00:00:00	2004	$ 21,274	$ 21,742	$ -	$0	$0	$0	$0	$0	$0	$0	$21,742
Merriwa	Reticulation		25	1/07/2004 00:00:00	2004	$ 50,459	$ 51,569	$ -	$0	$0	$0	$0	$0	$0	$0	$51,569
Merriwa	Reticulation		50	1/07/2004 00:00:00	2004	$ 19,612	$ 20,043	$ -	$0	$0	$0	$0	$0	$0	$0	$20,043
Merriwa	Reticulation		100	1/07/2006 00:00:00	2006	$ 15,734	$ 16,080	$ -	$0	$0	$0	$0	$0	$0	$0	$16,080
Merriwa	Reticulation		100	1/07/2006 00:00:00	2006	$ 7,202	$ 7,360	$ -	$0	$0	$0	$0	$0	$0	$0	$7,360
Merriwa	Reticulation		32	1/07/1990 00:00:00	1990	$ 43,678	$ 44,639	$ -	$0	$0	$0	$0	$0	$0	$0	$44,639
Merriwa	Reticulation	Prices Lane, Merriwa (new 2008)	100	13/05/2008 00:00:00	2008	$ 101,937	$ 104,179	$ -	$0	$0	$0	$0	$0	$0	$0	$104,179
Merriwa	Reticulation	Betting St,Bow to Vennacher	100	1/07/2005 00:00:00	2005	$ 27,257	$ 27,857	$ -	$0	$0	$0	$0	$0	$0	$0	$27,857
Merriwa	Water Valn record Pipes	W/O 4406. Mwa - Macarntey St Mains extension		30/06/2013 00:00:00	2013	$ 15,326	$ 15,663	$ 15,663	$15,663	$0	$15,663	$0	$0	$0	$0	$0
Merriwa	Water Valn record Pipes	W/O 4181. Mwa - Mains/Valve Replacement Program		30/06/2015 00:00:00	2015	$ 22,402	$ 22,895	$ 22,895	$22,895	$0	$22,895	$0	$0	$0	$0	$0
Murrurundi	Water Rising Main	Sunshine/Murulla	200	1/07/1990 00:00:00	1990	$ 78,194	$ 79,914	$ 79,914	$79,914	$0	$0	$0	$79,914	$0	$0	$0
Murrurundi	Water Trunk Main	Laneway	100	1/07/1935 00:00:00	1935	$ 33,137	$ 33,866	$ 33,866	$0	$0	$0	$0	$0	$0	$0	$33,866
Murrurundi	Water Trunk Main	Boyd	150	1/07/1984 00:00:00	1984	$ 7,313	$ 7,474	$ 7,474	$0	$0	$0	$0	$0	$0	$0	$7,474
Murrurundi	Water Trunk Main	Boyd	150	1/07/1984 00:00:00	1984	$ 24,598	$ 25,139	$ 25,139	$0	$0	$0	$0	$0	$0	$0	$25,139
Murrurundi	Water Trunk Main	Boyd	150	1/07/1984 00:00:00	1984	$ 13,296	$ 13,589	$ 13,589	$0	$0	$0	$0	$0	$0	$0	$13,589
Murrurundi	Water Trunk Main	Doughboy	150	1/07/1935 00:00:00	1935	$ 9,750	$ 9,965	$ 9,965	$0	$0	$0	$0	$0	$0	$0	$9,965
Murrurundi	Water Trunk Main	Private	150	1/07/1935 00:00:00	1935	$ 33,905	$ 34,651	$ 34,651	$0	$0	$0	$0	$0	$0	$0	$34,651
Murrurundi	Water Trunk Main	Pages River Road	200	1/07/1935 00:00:00	1935	$ 702,239	$ 717,689	$ 717,689	$0	$0	$0	$0	$0	$0	$0	$717,689
Murrurundi	Water Trunk Main	Pages River Road	200	1/07/1984 00:00:00	1984	$ 118,794	$ 121,408	$ 121,408	$0	$0	$0	$0	$0	$0	$0	$121,408
Murrurundi	Water Trunk Main	Murulla/Sunshine	250	1/07/1990 00:00:00	1990	$ 98,929	$ 101,106	$ 101,106	$101,106	$0	$0	$0	$101,106	$0	$0	$0
Murrurundi	Water Trunk Main	Boyd	250	1/07/1984 00:00:00	1984	$ 49,465	$ 50,553	$ 50,553	$0	$0	$0	$0	$0	$0	$0	$50,553
Murrurundi	Water Trunk Main	Boyd	250	1/07/1984 00:00:00	1984	$ 68,855	$ 70,370	$ 70,370	$0	$0	$0	$0	$0	$0	$0	$70,370
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 1,108	$ 1,132	$ -	$0	$0	$0	$0	$0	$0	$0	$1,132
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 28,587	$ 29,216	$ -	$0	$0	$0	$0	$0	$0	$0	$29,216
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 886	$ 906	$ -	$0	$0	$0	$0	$0	$0	$0	$906
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 32,686	$ 33,405	$ -	$0	$0	$0	$0	$0	$0	$0	$33,405
Murrurundi	Reticulation	Mount	100	1/07/1935 00:00:00	1935	$ 2,438	$ 2,491	$ -	$0	$0	$0	$0	$0	$0	$0	$2,491
Murrurundi	Reticulation	Liverpool	100	1/07/1935 00:00:00	1935	$ 3,324	$ 3,397	$ -	$0	$0	$0	$0	$0	$0	$0	$3,397
Murrurundi	Reticulation	Haydon	100	1/07/1935 00:00:00	1935	$ 41,883	$ 42,804	$ -	$0	$0	$0	$0	$0	$0	$0	$42,804
Murrurundi	Reticulation	Railway	100	1/07/1935 00:00:00	1935	$ 12,410	$ 12,683	$ -	$0	$0	$0	$0	$0	$0	$0	$12,683
Murrurundi	Reticulation	Mount	100	1/07/1935 00:00:00	1935	$ 4,875	$ 4,982	$ -	$0	$0	$0	$0	$0	$0	$0	$4,982
Murrurundi	Reticulation	Laneway	100	1/07/1935 00:00:00	1935	$ 18,615	$ 19,024	$ -	$0	$0	$0	$0	$0	$0	$0	$19,024
Murrurundi	Reticulation	Haydon loop	100	1/07/1935 00:00:00	1935	$ 62,935	$ 64,319	$ -	$0	$0	$0	$0	$0	$0	$0	$64,319
Murrurundi	Reticulation	Haydon	100	1/07/1935 00:00:00	1935	$ 7,534	$ 7,700	$ -	$0	$0	$0	$0	$0	$0	$0	$7,700
Murrurundi	Reticulation	Haydon	100	1/07/1935 00:00:00	1935	$ 1,551	$ 1,585	$ -	$0	$0	$0	$0	$0	$0	$0	$1,585

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

														Scone& Aberdeen, Murrurundi and Middlebrook	Scone& Aberdeen and Middlebrook	
Service Area	**Asset Type**	**Asset Description**	**Pipe dia (mm)**	**Date of Commissioned**	**Year of Commissioning**	**Current Replacement Cost 2015 $**	**Current Replacement Cost 2015/16 $**	**Assets excluding reticulation**	**Assets excluding pre 1985**	**Scone & Aberdeen**	**Merriwa**	**Cassilis**	**Murrurundi**	**Shared 1**	**Shared 2**	**Assets Excluded**
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 28,808	$ 29,442	$ -	$0	$0	$0	$0	$0	$0	$0	$29,442
Murrurundi	Reticulation	Wades Ln	100	1/07/1935 00:00:00	1935	$ 12,853	$ 13,136	$ -	$0	$0	$0	$0	$0	$0	$0	$13,136
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 13,296	$ 13,589	$ -	$0	$0	$0	$0	$0	$0	$0	$13,589
Murrurundi	Reticulation	Brook	100	1/07/1935 00:00:00	1935	$ 12,853	$ 13,136	$ -	$0	$0	$0	$0	$0	$0	$0	$13,136
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 15,734	$ 16,080	$ -	$0	$0	$0	$0	$0	$0	$0	$16,080
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 28,808	$ 29,442	$ -	$0	$0	$0	$0	$0	$0	$0	$29,442
Murrurundi	Reticulation	off Mayne	100	1/07/1935 00:00:00	1935	$ 12,188	$ 12,456	$ -	$0	$0	$0	$0	$0	$0	$0	$12,456
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 23,711	$ 24,233	$ -	$0	$0	$0	$0	$0	$0	$0	$24,233
Murrurundi	Reticulation	Victoria	100	1/07/1935 00:00:00	1935	$ 11,268	$ 11,516	$ -	$0	$0	$0	$0	$0	$0	$0	$11,516
Murrurundi	Reticulation	Victoria	100	1/07/1935 00:00:00	1935	$ 25,484	$ 26,045	$ -	$0	$0	$0	$0	$0	$0	$0	$26,045
Murrurundi	Reticulation	Victoria	100	1/07/1935 00:00:00	1935	$ 15,512	$ 15,853	$ -	$0	$0	$0	$0	$0	$0	$0	$15,853
Murrurundi	Reticulation	Liverpool	100	1/07/1935 00:00:00	1935	$ 23,711	$ 24,233	$ -	$0	$0	$0	$0	$0	$0	$0	$24,233
Murrurundi	Reticulation	Victoria	100	1/07/1935 00:00:00	1935	$ 4,654	$ 4,756	$ -	$0	$0	$0	$0	$0	$0	$0	$4,756
Murrurundi	Reticulation	Railway	100	1/07/1935 00:00:00	1935	$ 16,177	$ 16,533	$ -	$0	$0	$0	$0	$0	$0	$0	$16,533
Murrurundi	Reticulation	Polding St	100	1/07/1935 00:00:00	1935	$ 23,822	$ 24,346	$ -	$0	$0	$0	$0	$0	$0	$0	$24,346
Murrurundi	Reticulation	Polding	100	1/07/1935 00:00:00	1935	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Murrurundi	Reticulation	Polding	100	1/07/1935 00:00:00	1935	$ 68,696	$ 70,208	$ -	$0	$0	$0	$0	$0	$0	$0	$70,208
Murrurundi	Reticulation	Albert	100	1/07/1935 00:00:00	1935	$ 16,399	$ 16,759	$ -	$0	$0	$0	$0	$0	$0	$0	$16,759
Murrurundi	Reticulation	Oconnell	100	1/07/1935 00:00:00	1935	$ 27,700	$ 28,310	$ -	$0	$0	$0	$0	$0	$0	$0	$28,310
Murrurundi	Reticulation	Oconnell	100	1/07/2000 00:00:00	2000	$ 11,080	$ 11,324	$ -	$0	$0	$0	$0	$0	$0	$0	$11,324
Murrurundi	Reticulation	Oconnell	100	1/07/1935 00:00:00	1935	$ 9,307	$ 9,512	$ -	$0	$0	$0	$0	$0	$0	$0	$9,512
Murrurundi	Reticulation	Oconnell	100	1/07/1935 00:00:00	1935	$ 22,825	$ 23,327	$ -	$0	$0	$0	$0	$0	$0	$0	$23,327
Murrurundi	Reticulation	Mount	100	1/07/1935 00:00:00	1935	$ 38,226	$ 39,067	$ -	$0	$0	$0	$0	$0	$0	$0	$39,067
Murrurundi	Reticulation	Mount	100	1/07/1935 00:00:00	1935	$ 27,700	$ 28,310	$ -	$0	$0	$0	$0	$0	$0	$0	$28,310
Murrurundi	Reticulation	Mount	100	1/07/1935 00:00:00	1935	$ 2,770	$ 2,831	$ -	$0	$0	$0	$0	$0	$0	$0	$2,831
Murrurundi	Reticulation	Doughboy	100	1/07/1935 00:00:00	1935	$ 1,330	$ 1,359	$ -	$0	$0	$0	$0	$0	$0	$0	$1,359
Murrurundi	Reticulation	Doughboy	100	1/07/1935 00:00:00	1935	$ 2,438	$ 2,491	$ -	$0	$0	$0	$0	$0	$0	$0	$2,491
Murrurundi	Reticulation	Doughboy	100	1/07/1935 00:00:00	1935	$ 886	$ 906	$ -	$0	$0	$0	$0	$0	$0	$0	$906
Murrurundi	Reticulation	Timor Lane	100	1/07/1935 00:00:00	1935	$ 24,376	$ 24,912	$ -	$0	$0	$0	$0	$0	$0	$0	$24,912
Murrurundi	Reticulation	Isis Lane	100	1/07/1935 00:00:00	1935	$ 9,529	$ 9,739	$ -	$0	$0	$0	$0	$0	$0	$0	$9,739
Murrurundi	Reticulation	Isis Lane	100	1/07/1935 00:00:00	1935	$ 13,296	$ 13,589	$ -	$0	$0	$0	$0	$0	$0	$0	$13,589
Murrurundi	Reticulation	Mount	100	1/07/1935 00:00:00	1935	$ 14,404	$ 14,721	$ -	$0	$0	$0	$0	$0	$0	$0	$14,721
Murrurundi	Reticulation	Little	100	1/07/1935 00:00:00	1935	$ 24,376	$ 24,912	$ -	$0	$0	$0	$0	$0	$0	$0	$24,912
Murrurundi	Reticulation	Little	100	1/07/1935 00:00:00	1935	$ 26,038	$ 26,611	$ -	$0	$0	$0	$0	$0	$0	$0	$26,611
Murrurundi	Reticulation	Little	100	1/07/1935 00:00:00	1935	$ 36,564	$ 37,369	$ -	$0	$0	$0	$0	$0	$0	$0	$37,369
Murrurundi	Reticulation	George	100	1/07/1935 00:00:00	1935	$ 38,780	$ 39,633	$ -	$0	$0	$0	$0	$0	$0	$0	$39,633
Murrurundi	Reticulation	Bernard	100	1/07/1935 00:00:00	1935	$ 4,210	$ 4,303	$ -	$0	$0	$0	$0	$0	$0	$0	$4,303
Murrurundi	Reticulation	Henry Street	100	1/07/2002 00:00:00	2002	$ 11,080	$ 11,324	$ -	$0	$0	$0	$0	$0	$0	$0	$11,324
Murrurundi	Reticulation	Cohen	100	1/07/1935 00:00:00	1935	$ 12,631	$ 12,909	$ -	$0	$0	$0	$0	$0	$0	$0	$12,909
Murrurundi	Reticulation	Munro	100	1/07/1935 00:00:00	1935	$ 34,902	$ 35,670	$ -	$0	$0	$0	$0	$0	$0	$0	$35,670
Murrurundi	Reticulation	Cohen	100	1/07/1935 00:00:00	1935	$ 13,296	$ 13,589	$ -	$0	$0	$0	$0	$0	$0	$0	$13,589
Murrurundi	Reticulation	Cohen	100	1/07/1935 00:00:00	1935	$ 1,662	$ 1,699	$ -	$0	$0	$0	$0	$0	$0	$0	$1,699
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 37,451	$ 38,275	$ -	$0	$0	$0	$0	$0	$0	$0	$38,275
Murrurundi	Reticulation	Mayne	100	1/07/1935 00:00:00	1935	$ 19,279	$ 19,703	$ -	$0	$0	$0	$0	$0	$0	$0	$19,703
Murrurundi	Reticulation	Professional Row	100	1/07/1935 00:00:00	1935	$ 11,523	$ 11,777	$ -	$0	$0	$0	$0	$0	$0	$0	$11,777
Murrurundi	Reticulation	Bernard	100	1/07/1935 00:00:00	1935	$ 8,642	$ 8,833	$ -	$0	$0	$0	$0	$0	$0	$0	$8,833
Murrurundi	Reticulation	Murulla	100	1/07/1935 00:00:00	1935	$ 13,296	$ 13,589	$ -	$0	$0	$0	$0	$0	$0	$0	$13,589
Murrurundi	Reticulation	Murulla	100	1/07/1935 00:00:00	1935	$ 17,728	$ 18,118	$ -	$0	$0	$0	$0	$0	$0	$0	$18,118
Murrurundi	Reticulation	Doughboy	100	1/07/2000 00:00:00	2000	$ 3,324	$ 3,397	$ -	$0	$0	$0	$0	$0	$0	$0	$3,397
Murrurundi	Reticulation	Isis Lane	100	1/07/1935 00:00:00	1935	$ 25,706	$ 26,271	$ -	$0	$0	$0	$0	$0	$0	$0	$26,271
Murrurundi	Water Trunk Main	Adelaide	150	1/07/1935 00:00:00	1935	$ 22,271	$ 22,761	$ 22,761	$0	$0	$0	$0	$0	$0	$0	$22,761
Murrurundi	Water Trunk Main	Adelaide	150	1/07/1935 00:00:00	1935	$ 22,936	$ 23,440	$ 23,440	$0	$0	$0	$0	$0	$0	$0	$23,440
Murrurundi	Water Trunk Main	Haydon	150	1/07/1935 00:00:00	1935	$ 6,648	$ 6,794	$ 6,794	$0	$0	$0	$0	$0	$0	$0	$6,794
Murrurundi	Water Trunk Main	Haydon	150	1/07/1935 00:00:00	1935	$ 60,497	$ 61,828	$ 61,828	$0	$0	$0	$0	$0	$0	$0	$61,828
Murrurundi	Water Trunk Main	Haydon	150	1/07/1935 00:00:00	1935	$ 41,218	$ 42,125	$ 42,125	$0	$0	$0	$0	$0	$0	$0	$42,125
Murrurundi	Water Trunk Main	Mount	150	1/07/2003 00:00:00	2003	$ 36,232	$ 37,029	$ 37,029	$37,029	$0	$0	$0	$37,029	$0	$0	$0
Murrurundi	Water Trunk Main	Mayne	200	1/07/1935 00:00:00	1935	$ 94,244	$ 96,317	$ 96,317	$0	$0	$0	$0	$0	$0	$0	$96,317
Murrurundi	Reticulation	Boyd	100	1/07/2006 00:00:00	2006	$ 11,080	$ 11,324	$ -	$0	$0	$0	$0	$0	$0	$0	$11,324
Murrurundi	Water Trunk Main	Mayne	200	1/07/1935 00:00:00	1935	$ 2,469	$ 2,524	$ 2,524	$0	$0	$0	$0	$0	$0	$0	$2,524
Murrurundi	Water Trunk Main	Mayne	200	1/07/1935 00:00:00	1935	$ 3,292	$ 3,365	$ 3,365	$0	$0	$0	$0	$0	$0	$0	$3,365
Murrurundi	Water Trunk Main	Mayne	200	1/07/1935 00:00:00	1935	$ 81,043	$ 82,826	$ 82,826	$0	$0	$0	$0	$0	$0	$0	$82,826
Murrurundi	Water Trunk Main	Mayne	200	1/07/2000 00:00:00	2000	$ 37,989	$ 38,825	$ 38,825	$38,825	$0	$0	$0	$38,825	$0	$0	$0
Murrurundi	Water Trunk Main	Mayne	200	1/07/2000 00:00:00	2000	$ 10,289	$ 10,515	$ 10,515	$10,515	$0	$0	$0	$10,515	$0	$0	$0
Murrurundi	Water Trunk Main	Mayne	200	1/07/1935 00:00:00	1935	$ 113,175	$ 115,665	$ 115,665	$0	$0	$0	$0	$0	$0	$0	$115,665
Murrurundi	Water Trunk Main	Mayne	200	1/07/1935 00:00:00	1935	$ 66,876	$ 68,347	$ 68,347	$0	$0	$0	$0	$0	$0	$0	$68,347
Murrurundi	Water Trunk Main	"Haydon St - Victoria to endNorth side"	150	30/06/2008 00:00:00	2008	$ 41,550	$ 42,464	$ 42,464	$42,464	$0	$0	$0	$42,464	$0	$0	$0
Murrurundi	Reticulation	"Haydon St - Victoria to endSouth Side"	100	30/06/2008 00:00:00	2008	$ 27,700	$ 28,310	$ -	$0	$0	$0	$0	$0	$0	$0	$28,310
Murrurundi	Reticulation	Mayne (Wilson Memorial Park)	100	29/06/2009 00:00:00	2009	$ 17,013	$ 17,388	$ -	$0	$0	$0	$0	$0	$0	$0	$17,388
Murrurundi	Reticulation	Collection of retic pipes (to be broken up into nodes)		1/07/2008 00:00:00	2008	$ 45,830	$ 46,838	$ -	$0	$0	$0	$0	$0	$0	$0	$46,838
Murrurundi	Reticulation	Mayne St (new '10)	100	1/07/2010 00:00:00	2010	$ 45,761	$ 46,767	$ -	$0	$0	$0	$0	$0	$0	$0	$46,767
Murrurundi	Water Valn record Pipes	"W/O 1161. Mdi - Haydon St Main (Victoria-Adelaide)"		13/06/2013 00:00:00	2013	$ 27,841	$ 28,453	$ 28,453	$28,453	$0	$0	$0	$28,453	$0	$0	$0
Murrurundi	Reticulation	Paradise Rd	100	1/07/1935 00:00:00	1935	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Murrurundi	Water Valn record Pipes	W/O 1161. Mdi - Haydon St Main (Victoria-Adelaide)		30/06/2014 00:00:00	2014	$ 36,206	$ 37,003	$ 37,003	$37,003	$0	$0	$0	$37,003	$0	$0	$0
Murrurundi	Water Valn record Pipes	W/O 4639. Mayne St, Mdi - Mains Replacement		30/06/2014 00:00:00	2014	$ 28,321	$ 28,944	$ 28,944	$28,944	$0	$0	$0	$28,944	$0	$0	$0
Murrurundi	Water Valn record Pipes	W/O 1077 Mdi Mayne St Main (Adelaide to Wilson Mem)		30/06/2015 00:00:00	2015	$ 47,054	$ 48,089	$ 48,089	$48,089	$0	$0	$0	$48,089	$0	$0	$0
Murrurundi	Water Valn record Pipes	W/O 1161. Mdi - Haydon St Main (Victoria-Adelaide)		30/06/2015 05:00:00	2015	$ 48,744	$ 49,816	$ 49,816	$49,816	$0	$0	$0	$49,816	$0	$0	$0
Murrurundi	Water Valn record Pipes	W/O 4542. Mdi - O'Connell St Mains (To Reservoir)		30/06/2015 00:00:00	2015	$ 200,031	$ 204,432	$ 204,432	$204,432	$0	$0	$0	$204,432	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	Moobi Road	250	1/01/1998 00:00:00	1998	$ 278,585	$ 284,714	$ 284,714	$284,714	$284,714	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Trunk Main	Reservoir Compound	100	1/01/1960 00:00:00	1960	$ 3,128	$ 3,197	$ 3,197	$0	$0	$0	$0	$0	$0	$0	$3,197
Shared 2	Water Trunk Main	Reservoir Compound	450	5/06/1985 00:00:00	1985	$ 12,631	$ 12,909	$ 12,909	$12,909	$0	$0	$0	$0	$0	$12,909	$0

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

														Scone& Aberdeen, Murrurundi and Middlebrook	Scone& Aberdeen and Middlebrook	
Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1	Shared 2	Assets Excluded
Shared 2	Water Trunk Main	Reservoir Compound	450	5/06/1985 00:00:00	1985	$ 18,000	$ 18,396	$ 18,396	$18,396	$0	$0	$0	$0	$0	$18,396	$0
Shared 2	Water Trunk Main	Right-of-way, Scone	450	5/06/1985 00:00:00	1985	$ 47,262	$ 48,302	$ 48,302	$48,302	$0	$0	$0	$0	$0	$48,302	$0
Scone & Aberdeen	Water Trunk Main	Barton Street	450	5/06/1985 00:00:00	1985	$ 3,474	$ 3,550	$ 3,550	$3,550	$3,550	$0	$0	$0	$0	$0	$0
Shared 2	Water Trunk Main	Birrell Street	450	5/06/1985 00:00:00	1985	$ 138,734	$ 141,786	$ 141,786	$141,786	$0	$0	$0	$0	$0	$141,786	$0
Shared 2	Water Trunk Main	Birrell Street	450	5/06/1985 00:00:00	1985	$ 121,576	$ 124,251	$ 124,251	$124,251	$0	$0	$0	$0	$0	$124,251	$0
Shared 2	Water Trunk Main	23 BIRRELL ST	450	5/06/1985 00:00:00	1985	$ 1,579	$ 1,614	$ 1,614	$1,614	$0	$0	$0	$0	$0	$1,614	$0
Shared 2	Water Trunk Main	Birrell Street	450	5/06/1985 00:00:00	1985	$ 19,789	$ 20,224	$ 20,224	$20,224	$0	$0	$0	$0	$0	$20,224	$0
Shared 2	Water Trunk Main	Waverley Street	375	5/06/1985 00:00:00	1985	$ 14,616	$ 14,938	$ 14,938	$14,938	$0	$0	$0	$0	$0	$14,938	$0
Shared 2	Water Trunk Main	New Street	375	5/06/1985 00:00:00	1985	$ 40,691	$ 41,586	$ 41,586	$41,586	$0	$0	$0	$0	$0	$41,586	$0
Shared 2	Water Trunk Main	Park Street	375	5/06/1985 00:00:00	1985	$ 28,060	$ 28,677	$ 28,677	$28,677	$0	$0	$0	$0	$0	$28,677	$0
Scone & Aberdeen	Water Trunk Main	** Duplicate of 2640/R120**	100	1/01/1960 00:00:00	1960	$ 857	$ 875	$ 875	$0	$0	$0	$0	$0	$0	$0	$875
Scone & Aberdeen	Water Trunk Main	82 HILL ST	100	1/01/1960 00:00:00	1960	$ 74,009	$ 75,637	$ 75,637	$0	$0	$0	$0	$0	$0	$0	$75,637
Scone & Aberdeen	Water Trunk Main	37 GURNSEY ST	100	1/01/1960 00:00:00	1960	$ 649	$ 663	$ 663	$0	$0	$0	$0	$0	$0	$0	$663
Scone & Aberdeen	Water Trunk Main	3 BIRRELL ST	100	1/01/1960 00:00:00	1960	$ 649	$ 663	$ 663	$0	$0	$0	$0	$0	$0	$0	$663
Scone & Aberdeen	Water Trunk Main	23 BIRRELL ST **Duplicate record to 3030/R80**	100	1/01/1960 00:00:00	1960	$ 17,328	$ 17,709	$ 17,709	$0	$0	$0	$0	$0	$0	$0	$17,709
Scone & Aberdeen	Water Trunk Main	10 MORSE ST **Duplicate record to 3040/R90 in retic pipes**	100	1/01/1960 00:00:00	1960	$ 1,661	$ 1,698	$ 1,698	$0	$0	$0	$0	$0	$0	$0	$1,698
Shared 2	Water Trunk Main	8 ST AUBINS ST	200	1/01/1960 00:00:00	1960	$ 114,821	$ 117,347	$ 117,347	$0	$0	$0	$0	$0	$0	$0	$117,347
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 3,374	$ 3,448	$ -	$0	$0	$0	$0	$0	$0	$0	$3,448
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 20,360	$ 20,808	$ -	$0	$0	$0	$0	$0	$0	$0	$20,808
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 776	$ 793	$ -	$0	$0	$0	$0	$0	$0	$0	$793
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 23,601	$ 24,120	$ -	$0	$0	$0	$0	$0	$0	$0	$24,120
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 1,330	$ 1,359	$ -	$0	$0	$0	$0	$0	$0	$0	$1,359
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 6,670	$ 6,817	$ -	$0	$0	$0	$0	$0	$0	$0	$6,817
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 9,307	$ 9,512	$ -	$0	$0	$0	$0	$0	$0	$0	$9,512
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 7,202	$ 7,360	$ -	$0	$0	$0	$0	$0	$0	$0	$7,360
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 27,080	$ 27,675	$ -	$0	$0	$0	$0	$0	$0	$0	$27,675
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 82,519	$ 84,334	$ -	$0	$0	$0	$0	$0	$0	$0	$84,334
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 6,787	$ 6,936	$ -	$0	$0	$0	$0	$0	$0	$0	$6,936
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 18,144	$ 18,543	$ -	$0	$0	$0	$0	$0	$0	$0	$18,543
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 15,207	$ 15,542	$ -	$0	$0	$0	$0	$0	$0	$0	$15,542
Scone & Aberdeen	Reticulation		50	1/01/1973 00:00:00	1973	$ 9,493	$ 9,702	$ -	$0	$0	$0	$0	$0	$0	$0	$9,702
Scone & Aberdeen	Reticulation		50	1/01/1973 00:00:00	1973	$ 4,820	$ 4,926	$ -	$0	$0	$0	$0	$0	$0	$0	$4,926
Scone & Aberdeen	Reticulation		100	1/01/1975 00:00:00	1975	$ 104,956	$ 107,265	$ -	$0	$0	$0	$0	$0	$0	$0	$107,265
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 1,163	$ 1,189	$ -	$0	$0	$0	$0	$0	$0	$0	$1,189
Scone & Aberdeen	Reticulation	100 BARTON ST	100	1/01/1960 00:00:00	1960	$ 29,434	$ 30,082	$ -	$0	$0	$0	$0	$0	$0	$0	$30,082
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 886	$ 906	$ -	$0	$0	$0	$0	$0	$0	$0	$906
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 8,587	$ 8,776	$ -	$0	$0	$0	$0	$0	$0	$0	$8,776
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 15,235	$ 15,570	$ -	$0	$0	$0	$0	$0	$0	$0	$15,570
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,274	$ 1,302	$ -	$0	$0	$0	$0	$0	$0	$0	$1,302
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 17,784	$ 18,175	$ -	$0	$0	$0	$0	$0	$0	$0	$18,175
Scone & Aberdeen	Reticulation	12- 20 Doyle St	100	1/01/1978 00:00:00	1978	$ 8,005	$ 8,181	$ -	$0	$0	$0	$0	$0	$0	$0	$8,181
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 11,634	$ 11,890	$ -	$0	$0	$0	$0	$0	$0	$0	$11,890
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 9,750	$ 9,965	$ -	$0	$0	$0	$0	$0	$0	$0	$9,965
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 7,756	$ 7,927	$ -	$0	$0	$0	$0	$0	$0	$0	$7,927
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 748	$ 764	$ -	$0	$0	$0	$0	$0	$0	$0	$764
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,662	$ 1,699	$ -	$0	$0	$0	$0	$0	$0	$0	$1,699
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,163	$ 1,189	$ -	$0	$0	$0	$0	$0	$0	$0	$1,189
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,385	$ 1,415	$ -	$0	$0	$0	$0	$0	$0	$0	$1,415
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 1,163	$ 1,189	$ -	$0	$0	$0	$0	$0	$0	$0	$1,189
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 11,368	$ 11,618	$ -	$0	$0	$0	$0	$0	$0	$0	$11,618
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 332	$ 340	$ -	$0	$0	$0	$0	$0	$0	$0	$340
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 8,227	$ 8,408	$ -	$0	$0	$0	$0	$0	$0	$0	$8,408
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 5,734	$ 5,860	$ -	$0	$0	$0	$0	$0	$0	$0	$5,860
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,773	$ 1,812	$ -	$0	$0	$0	$0	$0	$0	$0	$1,812
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 7,230	$ 7,389	$ -	$0	$0	$0	$0	$0	$0	$0	$7,389
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 1,084	$ 1,107	$ -	$0	$0	$0	$0	$0	$0	$0	$1,107
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 1,080	$ 1,104	$ -	$0	$0	$0	$0	$0	$0	$0	$1,104
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 2,681	$ 2,740	$ -	$0	$0	$0	$0	$0	$0	$0	$2,740
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,108	$ 1,132	$ -	$0	$0	$0	$0	$0	$0	$0	$1,132
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 360	$ 368	$ -	$0	$0	$0	$0	$0	$0	$0	$368
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 13,296	$ 13,589	$ -	$0	$0	$0	$0	$0	$0	$0	$13,589
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 5,679	$ 5,803	$ -	$0	$0	$0	$0	$0	$0	$0	$5,803
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,828	$ 1,868	$ -	$0	$0	$0	$0	$0	$0	$0	$1,868
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 6,648	$ 6,794	$ -	$0	$0	$0	$0	$0	$0	$0	$6,794
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 6,731	$ 6,879	$ -	$0	$0	$0	$0	$0	$0	$0	$6,879
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 997	$ 1,019	$ -	$0	$0	$0	$0	$0	$0	$0	$1,019
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 997	$ 1,019	$ -	$0	$0	$0	$0	$0	$0	$0	$1,019
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 5,291	$ 5,407	$ -	$0	$0	$0	$0	$0	$0	$0	$5,407
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 1,773	$ 1,812	$ -	$0	$0	$0	$0	$0	$0	$0	$1,812
Scone & Aberdeen	Reticulation	17 Seaward Ave	100	1/01/1978 00:00:00	1978	$ 1,911	$ 1,953	$ -	$0	$0	$0	$0	$0	$0	$0	$1,953
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 9,418	$ 9,625	$ -	$0	$0	$0	$0	$0	$0	$0	$9,625
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 5,108	$ 5,220	$ -	$0	$0	$0	$0	$0	$0	$0	$5,220
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 3,379	$ 3,454	$ -	$0	$0	$0	$0	$0	$0	$0	$3,454
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,607	$ 1,642	$ -	$0	$0	$0	$0	$0	$0	$0	$1,642
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 67,367	$ 68,849	$ -	$0	$0	$0	$0	$0	$0	$0	$68,849
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 6,648	$ 6,794	$ -	$0	$0	$0	$0	$0	$0	$0	$6,794
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 12,216	$ 12,485	$ -	$0	$0	$0	$0	$0	$0	$0	$12,485
Scone & Aberdeen	Reticulation	109 SATUR RD	100	1/01/1960 00:00:00	1960	$ 62,774	$ 64,155	$ -	$0	$0	$0	$0	$0	$0	$0	$64,155
Scone & Aberdeen	Reticulation		100	1/01/1990 00:00:00	1990	$ 41,910	$ 42,832	$ -	$0	$0	$0	$0	$0	$0	$0	$42,832
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 2,050	$ 2,095	$ -	$0	$0	$0	$0	$0	$0	$0	$2,095

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

														Scone& Aberdeen, Murrurundi and Middlebrook	Scone& Aberdeen and Middlebrook	
Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1	Shared 2	Assets Excluded
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 16,066	$ 16,420	$ -	$0	$0	$0	$0	$0	$0	$0	$16,420
Scone & Aberdeen	Reticulation	115 SATUR RD	100	1/01/1960 00:00:00	1960	$ 13,329	$ 13,623	$ -	$0	$0	$0	$0	$0	$0	$0	$13,623
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 2,493	$ 2,548	$ -	$0	$0	$0	$0	$0	$0	$0	$2,548
Scone & Aberdeen	Reticulation	11 GRAY ST	100	1/01/1960 00:00:00	1960	$ 3,158	$ 3,227	$ -	$0	$0	$0	$0	$0	$0	$0	$3,227
Scone & Aberdeen	Reticulation	11 GRAY ST	100	1/01/1960 00:00:00	1960	$ 21,490	$ 21,963	$ -	$0	$0	$0	$0	$0	$0	$0	$21,963
Scone & Aberdeen	Reticulation	1 GUNSYND ST	100	1/01/1960 00:00:00	1960	$ 21,174	$ 21,640	$ -	$0	$0	$0	$0	$0	$0	$0	$21,640
Scone & Aberdeen	Reticulation	6 GUNSYND	100	1/01/1960 00:00:00	1960	$ 7,728	$ 7,898	$ -	$0	$0	$0	$0	$0	$0	$0	$7,898
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 2,022	$ 2,067	$ -	$0	$0	$0	$0	$0	$0	$0	$2,067
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 14,681	$ 15,004	$ -	$0	$0	$0	$0	$0	$0	$0	$15,004
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 9,075	$ 9,274	$ -	$0	$0	$0	$0	$0	$0	$0	$9,274
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 19,063	$ 19,483	$ -	$0	$0	$0	$0	$0	$0	$0	$19,483
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 35,384	$ 36,163	$ -	$0	$0	$0	$0	$0	$0	$0	$36,163
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 2,188	$ 2,236	$ -	$0	$0	$0	$0	$0	$0	$0	$2,236
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 20,914	$ 21,374	$ -	$0	$0	$0	$0	$0	$0	$0	$21,374
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 1,994	$ 2,038	$ -	$0	$0	$0	$0	$0	$0	$0	$2,038
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 3,878	$ 3,963	$ -	$0	$0	$0	$0	$0	$0	$0	$3,963
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 9,640	$ 9,852	$ -	$0	$0	$0	$0	$0	$0	$0	$9,852
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 7,534	$ 7,700	$ -	$0	$0	$0	$0	$0	$0	$0	$7,700
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 1,717	$ 1,755	$ -	$0	$0	$0	$0	$0	$0	$0	$1,755
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 8,864	$ 9,059	$ -	$0	$0	$0	$0	$0	$0	$0	$9,059
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 33,706	$ 34,447	$ -	$0	$0	$0	$0	$0	$0	$0	$34,447
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 2,759	$ 2,820	$ -	$0	$0	$0	$0	$0	$0	$0	$2,820
Scone & Aberdeen	Reticulation		100	1/01/1990 00:00:00	1990	$ 11,113	$ 11,358	$ -	$0	$0	$0	$0	$0	$0	$0	$11,358
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 21,939	$ 22,421	$ -	$0	$0	$0	$0	$0	$0	$0	$22,421
Scone & Aberdeen	Reticulation	30 SHORT ST	100	1/01/1960 00:00:00	1960	$ 17,002	$ 17,376	$ -	$0	$0	$0	$0	$0	$0	$0	$17,376
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 970	$ 991	$ -	$0	$0	$0	$0	$0	$0	$0	$991
Scone & Aberdeen	Reticulation		100	1/01/1992 00:00:00	1992	$ 1,994	$ 2,038	$ -	$0	$0	$0	$0	$0	$0	$0	$2,038
Scone & Aberdeen	Reticulation		100	1/01/1992 00:00:00	1992	$ 11,080	$ 11,324	$ -	$0	$0	$0	$0	$0	$0	$0	$11,324
Scone & Aberdeen	Reticulation		100	1/01/1992 00:00:00	1992	$ 1,994	$ 2,038	$ -	$0	$0	$0	$0	$0	$0	$0	$2,038
Scone & Aberdeen	Reticulation		100	1/01/1992 00:00:00	1992	$ 11,080	$ 11,324	$ -	$0	$0	$0	$0	$0	$0	$0	$11,324
Scone & Aberdeen	Reticulation	30 SHORT ST	100	1/01/1960 00:00:00	1960	$ 14,077	$ 14,387	$ -	$0	$0	$0	$0	$0	$0	$0	$14,387
Scone & Aberdeen	Reticulation	"COVERED BY 410/4328 SHORT ST"	100	1/01/1960 00:00:00	1960	$ 19,146	$ 19,568	$ -	$0	$0	$0	$0	$0	$0	$0	$19,568
Scone & Aberdeen	Reticulation	28 SHORT ST	100	1/01/1960 00:00:00	1960	$ 35,451	$ 36,231	$ -	$0	$0	$0	$0	$0	$0	$0	$36,231
Scone & Aberdeen	Reticulation		100	1/01/1992 00:00:00	1992	$ 1,994	$ 2,038	$ -	$0	$0	$0	$0	$0	$0	$0	$2,038
Scone & Aberdeen	Reticulation		100	1/01/1992 00:00:00	1992	$ 11,080	$ 11,324	$ -	$0	$0	$0	$0	$0	$0	$0	$11,324
Scone & Aberdeen	Reticulation		100	1/01/1992 00:00:00	1992	$ 9,972	$ 10,191	$ -	$0	$0	$0	$0	$0	$0	$0	$10,191
Scone & Aberdeen	Reticulation	covered by 4160/4180 5 TULLOCH CL	100	1/01/1960 00:00:00	1960	$ 6,914	$ 7,066	$ -	$0	$0	$0	$0	$0	$0	$0	$7,066
Scone & Aberdeen	Reticulation	4176/4178	100	1/01/1960 00:00:00	1960	$ 3,324	$ 3,397	$ -	$0	$0	$0	$0	$0	$0	$0	$3,397
Scone & Aberdeen	Reticulation	53 GRAY ST	100	1/01/1960 00:00:00	1960	$ 3,740	$ 3,822	$ -	$0	$0	$0	$0	$0	$0	$0	$3,822
Scone & Aberdeen	Reticulation	4 TULLOCH CL	100	1/01/1960 00:00:00	1960	$ 26,426	$ 27,007	$ -	$0	$0	$0	$0	$0	$0	$0	$27,007
Scone & Aberdeen	Reticulation	4180/4186 covered by 4180/4200	100	1/01/1960 00:00:00	1960	$ 3,324	$ 3,397	$ -	$0	$0	$0	$0	$0	$0	$0	$3,397
Scone & Aberdeen	Reticulation	1 DERBY CL	100	1/01/1960 00:00:00	1960	$ 4,820	$ 4,926	$ -	$0	$0	$0	$0	$0	$0	$0	$4,926
Scone & Aberdeen	Reticulation		100	1/01/1992 00:00:00	1992	$ 12,465	$ 12,739	$ -	$0	$0	$0	$0	$0	$0	$0	$12,739
Scone & Aberdeen	Reticulation	53 GRAY ST	100	1/01/1960 00:00:00	1960	$ 4,388	$ 4,484	$ -	$0	$0	$0	$0	$0	$0	$0	$4,484
Scone & Aberdeen	Reticulation	6 DERBY CL	100	1/01/1960 00:00:00	1960	$ 2,626	$ 2,684	$ -	$0	$0	$0	$0	$0	$0	$0	$2,684
Scone & Aberdeen	Reticulation	covered by 4186/4200	100	1/01/1960 00:00:00	1960	$ 16,620	$ 16,986	$ -	$0	$0	$0	$0	$0	$0	$0	$16,986
Scone & Aberdeen	Reticulation	55 GRAY ST	100	1/01/1960 00:00:00	1960	$ 499	$ 510	$ -	$0	$0	$0	$0	$0	$0	$0	$510

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1 (Scone& Aberdeen, Murrurundi and Middlebrook)	Shared 2 (Scone& Aberdeen and Middlebrook)	Assets Excluded
Scone & Aberdeen	Reticulation	1 SATUR RD	100	1/01/1960 00:00:00	1960	$ 37,412	$ 38,235	$ -	$0	$0	$0	$0	$0	$0	$0	$38,235
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 2,360	$ 2,412	$ -	$0	$0	$0	$0	$0	$0	$0	$2,412
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 3,956	$ 4,043	$ -	$0	$0	$0	$0	$0	$0	$0	$4,043
Scone & Aberdeen	Reticulation	175 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 8,077	$ 8,255	$ -	$0	$0	$0	$0	$0	$0	$0	$8,255
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 11,135	$ 11,380	$ -	$0	$0	$0	$0	$0	$0	$0	$11,380
Scone & Aberdeen	Reticulation	175 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 3,025	$ 3,091	$ -	$0	$0	$0	$0	$0	$0	$0	$3,091
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 3,939	$ 4,026	$ -	$0	$0	$0	$0	$0	$0	$0	$4,026
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 12,155	$ 12,422	$ -	$0	$0	$0	$0	$0	$0	$0	$12,422
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 3,457	$ 3,533	$ -	$0	$0	$0	$0	$0	$0	$0	$3,533
Scone & Aberdeen	Reticulation	179 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 46,536	$ 47,560	$ -	$0	$0	$0	$0	$0	$0	$0	$47,560
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 44,210	$ 45,182	$ -	$0	$0	$0	$0	$0	$0	$0	$45,182
Scone & Aberdeen	Reticulation	182 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 81,322	$ 83,111	$ -	$0	$0	$0	$0	$0	$0	$0	$83,111
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 2,719	$ 2,779	$ -	$0	$0	$0	$0	$0	$0	$0	$2,779
Scone & Aberdeen	Reticulation	RESERVOIR	100	1/01/1960 00:00:00	1960	$ 54,863	$ 56,070	$ -	$0	$0	$0	$0	$0	$0	$0	$56,070
Scone & Aberdeen	Reticulation	10 KILGALLIN CL	100	1/01/1960 00:00:00	1960	$ 15,806	$ 16,153	$ -	$0	$0	$0	$0	$0	$0	$0	$16,153
Scone & Aberdeen	Reticulation	3 KILGALLIN CL	100	1/01/1960 00:00:00	1960	$ 29,501	$ 30,150	$ -	$0	$0	$0	$0	$0	$0	$0	$30,150
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 21,490	$ 21,963	$ -	$0	$0	$0	$0	$0	$0	$0	$21,963
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 914	$ 934	$ -	$0	$0	$0	$0	$0	$0	$0	$934
Scone & Aberdeen	Reticulation	3 KILGALLIN CL	100	1/01/1960 00:00:00	1960	$ 11,003	$ 11,245	$ -	$0	$0	$0	$0	$0	$0	$0	$11,245
Scone & Aberdeen	Reticulation	1 KILGALLIN CL	100	1/01/1960 00:00:00	1960	$ 10,836	$ 11,075	$ -	$0	$0	$0	$0	$0	$0	$0	$11,075
Scone & Aberdeen	Reticulation	41 DODD ST	100	1/01/1960 00:00:00	1960	$ 3,407	$ 3,482	$ -	$0	$0	$0	$0	$0	$0	$0	$3,482
Scone & Aberdeen	Reticulation	DODD	100	1/01/1960 00:00:00	1960	$ 3,158	$ 3,227	$ -	$0	$0	$0	$0	$0	$0	$0	$3,227
Scone & Aberdeen	Reticulation	41 DODD ST	100	1/01/1960 00:00:00	1960	$ 2,427	$ 2,480	$ -	$0	$0	$0	$0	$0	$0	$0	$2,480
Scone & Aberdeen	Reticulation	17 STANSTEAD CL	100	1/01/1960 00:00:00	1960	$ 41,517	$ 42,430	$ -	$0	$0	$0	$0	$0	$0	$0	$42,430
Scone & Aberdeen	Reticulation	17 STANSTEAD CL	100	1/01/1960 00:00:00	1960	$ 44,509	$ 45,488	$ -	$0	$0	$0	$0	$0	$0	$0	$45,488
Scone & Aberdeen	Reticulation	1 STANSTEAD CL	100	1/01/1960 00:00:00	1960	$ 4,753	$ 4,858	$ -	$0	$0	$0	$0	$0	$0	$0	$4,858
Scone & Aberdeen	Reticulation	HALSTEAD	100	1/01/2007 00:00:00	2007	$ 26,592	$ 27,177	$ -	$0	$0	$0	$0	$0	$0	$0	$27,177
Scone & Aberdeen	Reticulation	DODD	100	1/01/2007 00:00:00	2007	$ 16,177	$ 16,533	$ -	$0	$0	$0	$0	$0	$0	$0	$16,533
Scone & Aberdeen	Reticulation	BHIMA DR	100	1/01/2007 00:00:00	2007	$ 74,015	$ 75,643	$ -	$0	$0	$0	$0	$0	$0	$0	$75,643
Scone & Aberdeen	Reticulation	HALSTEAD	100	1/01/2007 00:00:00	2007	$ 26,592	$ 27,177	$ -	$0	$0	$0	$0	$0	$0	$0	$27,177
Scone & Aberdeen	Reticulation	BHIMA DR	100	1/01/2007 00:00:00	2007	$ 5,429	$ 5,549	$ -	$0	$0	$0	$0	$0	$0	$0	$5,549
Scone & Aberdeen	Reticulation	BHIMA DR	100	1/01/2007 00:00:00	2007	$ 1,884	$ 1,925	$ -	$0	$0	$0	$0	$0	$0	$0	$1,925
Scone & Aberdeen	Reticulation	BHIMA DR	100	1/01/2007 00:00:00	2007	$ 49,860	$ 50,957	$ -	$0	$0	$0	$0	$0	$0	$0	$50,957
Scone & Aberdeen	Reticulation	182 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 12,116	$ 12,383	$ -	$0	$0	$0	$0	$0	$0	$0	$12,383
Scone & Aberdeen	Reticulation	SLEDMERE CL	100	1/01/2007 00:00:00	2007	$ 14,737	$ 15,061	$ -	$0	$0	$0	$0	$0	$0	$0	$15,061
Scone & Aberdeen	Reticulation	BHIMA DR	100	1/01/2007 00:00:00	2007	$ 2,548	$ 2,604	$ -	$0	$0	$0	$0	$0	$0	$0	$2,604
Scone & Aberdeen	Reticulation	SLEDMERE CL	100	1/01/2007 00:00:00	2007	$ 13,961	$ 14,268	$ -	$0	$0	$0	$0	$0	$0	$0	$14,268
Scone & Aberdeen	Reticulation	BHIMA DR	100	1/01/2007 00:00:00	2007	$ 21,052	$ 21,515	$ -	$0	$0	$0	$0	$0	$0	$0	$21,515
Scone & Aberdeen	Reticulation	185 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 2,560	$ 2,616	$ -	$0	$0	$0	$0	$0	$0	$0	$2,616
Scone & Aberdeen	Reticulation		100	1/01/1986 00:00:00	1986	$ 7,900	$ 8,074	$ -	$0	$0	$0	$0	$0	$0	$0	$8,074
Scone & Aberdeen	Reticulation	Moobi rd	100	1/01/2007 00:00:00	2007	$ 16,842	$ 17,212	$ -	$0	$0	$0	$0	$0	$0	$0	$17,212
Scone & Aberdeen	Reticulation	Kookaburra Ave	100	1/01/2007 00:00:00	2007	$ 23,490	$ 24,007	$ -	$0	$0	$0	$0	$0	$0	$0	$24,007
Scone & Aberdeen	Reticulation	Moobi rd	100	1/01/2007 00:00:00	2007	$ 21,939	$ 22,421	$ -	$0	$0	$0	$0	$0	$0	$0	$22,421
Scone & Aberdeen	Reticulation	Kingfisher Cres	100	1/01/2007 00:00:00	2007	$ 12,077	$ 12,343	$ -	$0	$0	$0	$0	$0	$0	$0	$12,343
Scone & Aberdeen	Reticulation	Moobi rd	100	1/01/2007 00:00:00	2007	$ 3,989	$ 4,077	$ -	$0	$0	$0	$0	$0	$0	$0	$4,077
Scone & Aberdeen	Reticulation	Kingfisher Cres	100	1/01/2007 00:00:00	2007	$ 21,052	$ 21,515	$ -	$0	$0	$0	$0	$0	$0	$0	$21,515
Scone & Aberdeen	Reticulation	Kookaburra Ave	100	1/01/2007 00:00:00	2007	$ 7,756	$ 7,927	$ -	$0	$0	$0	$0	$0	$0	$0	$7,927
Scone & Aberdeen	Reticulation	Kingfisher Cres	100	1/01/2007 00:00:00	2007	$ 2,438	$ 2,491	$ -	$0	$0	$0	$0	$0	$0	$0	$2,491
Scone & Aberdeen	Reticulation	191 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 2,460	$ 2,514	$ -	$0	$0	$0	$0	$0	$0	$0	$2,514
Scone & Aberdeen	Reticulation	ALABAMA	100	1/01/2007 00:00:00	2007	$ 10,748	$ 10,984	$ -	$0	$0	$0	$0	$0	$0	$0	$10,984
Scone & Aberdeen	Reticulation	190 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 39,307	$ 40,171	$ -	$0	$0	$0	$0	$0	$0	$0	$40,171
Scone & Aberdeen	Reticulation		100	1/01/1989 00:00:00	1989	$ 26,315	$ 26,894	$ -	$0	$0	$0	$0	$0	$0	$0	$26,894
Scone & Aberdeen	Reticulation	REDBANK	100	1/01/2007 00:00:00	2007	$ 20,831	$ 21,289	$ -	$0	$0	$0	$0	$0	$0	$0	$21,289
Scone & Aberdeen	Reticulation	ALABAMA	100	1/01/2007 00:00:00	2007	$ 1,662	$ 1,699	$ -	$0	$0	$0	$0	$0	$0	$0	$1,699
Scone & Aberdeen	Reticulation	REDBANK	100	1/01/2007 00:00:00	2007	$ 332	$ 340	$ -	$0	$0	$0	$0	$0	$0	$0	$340
Scone & Aberdeen	Reticulation	REDBANK	100	1/01/2007 00:00:00	2007	$ 26,371	$ 26,951	$ -	$0	$0	$0	$0	$0	$0	$0	$26,951
Scone & Aberdeen	Reticulation	REDBANK	100	1/01/2007 00:00:00	2007	$ 1,551	$ 1,585	$ -	$0	$0	$0	$0	$0	$0	$0	$1,585
Scone & Aberdeen	Reticulation	REDBANK	100	1/01/2007 00:00:00	2007	$ 26,592	$ 27,177	$ -	$0	$0	$0	$0	$0	$0	$0	$27,177
Scone & Aberdeen	Reticulation	REDBANK	100	1/01/2007 00:00:00	2007	$ 18,282	$ 18,684	$ -	$0	$0	$0	$0	$0	$0	$0	$18,684
Scone & Aberdeen	Reticulation	ALABAMA	100	1/01/2007 00:00:00	2007	$ 13,739	$ 14,042	$ -	$0	$0	$0	$0	$0	$0	$0	$14,042
Scone & Aberdeen	Reticulation	ALABAMA	100	1/01/2007 00:00:00	2007	$ 1,551	$ 1,585	$ -	$0	$0	$0	$0	$0	$0	$0	$1,585
Scone & Aberdeen	Reticulation	ALABAMA	100	1/01/2007 00:00:00	2007	$ 2,105	$ 2,152	$ -	$0	$0	$0	$0	$0	$0	$0	$2,152
Scone & Aberdeen	Reticulation	ALABAMA	100	1/01/2007 00:00:00	2007	$ 23,379	$ 23,893	$ -	$0	$0	$0	$0	$0	$0	$0	$23,893
Scone & Aberdeen	Reticulation	ALABAMA	100	1/01/2007 00:00:00	2007	$ 6,205	$ 6,341	$ -	$0	$0	$0	$0	$0	$0	$0	$6,341
Scone & Aberdeen	Reticulation	HALSTEAD	100	1/01/2007 00:00:00	2007	$ 20,277	$ 20,723	$ -	$0	$0	$0	$0	$0	$0	$0	$20,723
Scone & Aberdeen	Reticulation	78 BARTON ST	100	1/01/1960 00:00:00	1960	$ 38,808	$ 39,662	$ -	$0	$0	$0	$0	$0	$0	$0	$39,662
Scone & Aberdeen	Reticulation		100	1/01/1951 00:00:00	1951	$ 3,357	$ 3,431	$ -	$0	$0	$0	$0	$0	$0	$0	$3,431
Scone & Aberdeen	Reticulation		100	1/01/1989 00:00:00	1989	$ 3,967	$ 4,054	$ -	$0	$0	$0	$0	$0	$0	$0	$4,054
Scone & Aberdeen	Reticulation		100	1/01/1951 00:00:00	1951	$ 2,493	$ 2,548	$ -	$0	$0	$0	$0	$0	$0	$0	$2,548
Scone & Aberdeen	Reticulation		100	1/01/1951 00:00:00	1951	$ 1,413	$ 1,444	$ -	$0	$0	$0	$0	$0	$0	$0	$1,444
Shared 2	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 24,034	$ 24,563	$ 24,563	$0	$0	$0	$0	$0	$0	$0	$24,563
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 12,842	$ 13,124	$ -	$0	$0	$0	$0	$0	$0	$0	$13,124
Shared 2	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 32,594	$ 33,311	$ 33,311	$0	$0	$0	$0	$0	$0	$0	$33,311
Scone & Aberdeen	Reticulation		110	1/01/1989 00:00:00	1989	$ 12,997	$ 13,283	$ -	$0	$0	$0	$0	$0	$0	$0	$13,283
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 7,357	$ 7,519	$ -	$0	$0	$0	$0	$0	$0	$0	$7,519
Scone & Aberdeen	Reticulation	21 STAFFORD ST	100	1/01/1960 00:00:00	1960	$ 40,354	$ 41,241	$ -	$0	$0	$0	$0	$0	$0	$0	$41,241
Shared 2	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 37,964	$ 38,799	$ 38,799	$0	$0	$0	$0	$0	$0	$0	$38,799
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 10,293	$ 10,520	$ -	$0	$0	$0	$0	$0	$0	$0	$10,520
Shared 2	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 1,494	$ 1,527	$ 1,527	$0	$0	$0	$0	$0	$0	$0	$1,527
Shared 2	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 17,855	$ 18,248	$ 18,248	$0	$0	$0	$0	$0	$0	$0	$18,248

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

														Scone& Aberdeen, Murrurundi and Middlebrook	Scone& Aberdeen and Middlebrook	
Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1	Shared 2	Assets Excluded
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 8,654	$ 8,844	$ -	$0	$0	$0	$0	$0	$0	$0	$8,844
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 27,146	$ 27,743	$ -	$0	$0	$0	$0	$0	$0	$0	$27,743
Shared 2	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 13,879	$ 14,184	$ 14,184	$0	$0	$0	$0	$0	$0	$0	$14,184
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 931	$ 951	$ -	$0	$0	$0	$0	$0	$0	$0	$951
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 26,925	$ 27,517	$ -	$0	$0	$0	$0	$0	$0	$0	$27,517
Shared 2	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 33,607	$ 34,347	$ 34,347	$0	$0	$0	$0	$0	$0	$0	$34,347
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 2,327	$ 2,378	$ -	$0	$0	$0	$0	$0	$0	$0	$2,378
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 10,160	$ 10,384	$ -	$0	$0	$0	$0	$0	$0	$0	$10,384
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 1,440	$ 1,472	$ -	$0	$0	$0	$0	$0	$0	$0	$1,472
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 776	$ 793	$ -	$0	$0	$0	$0	$0	$0	$0	$793
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 9,861	$ 10,078	$ -	$0	$0	$0	$0	$0	$0	$0	$10,078
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 8,565	$ 8,753	$ -	$0	$0	$0	$0	$0	$0	$0	$8,753
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 21,440	$ 21,912	$ -	$0	$0	$0	$0	$0	$0	$0	$21,912
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 1,330	$ 1,359	$ -	$0	$0	$0	$0	$0	$0	$0	$1,359
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 665	$ 679	$ -	$0	$0	$0	$0	$0	$0	$0	$679
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 11,268	$ 11,516	$ -	$0	$0	$0	$0	$0	$0	$0	$11,516
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 19,290	$ 19,715	$ -	$0	$0	$0	$0	$0	$0	$0	$19,715
Scone & Aberdeen	Reticulation	691/692	100	1/01/1984 00:00:00	1984	$ 1,385	$ 1,415	$ -	$0	$0	$0	$0	$0	$0	$0	$1,415
Scone & Aberdeen	Reticulation	692/693	100	1/01/1984 00:00:00	1984	$ 1,884	$ 1,925	$ -	$0	$0	$0	$0	$0	$0	$0	$1,925
Scone & Aberdeen	Reticulation	692/694	100	1/01/1984 00:00:00	1984	$ 27,035	$ 27,630	$ -	$0	$0	$0	$0	$0	$0	$0	$27,630
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 20,055	$ 20,496	$ -	$0	$0	$0	$0	$0	$0	$0	$20,496
Scone & Aberdeen	Reticulation	Old - replaced Waratah Street	100	1/01/1984 00:00:00	1984	$ 18,338	$ 18,741	$ -	$0	$0	$0	$0	$0	$0	$0	$18,741
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 11,579	$ 11,833	$ -	$0	$0	$0	$0	$0	$0	$0	$11,833
Scone & Aberdeen	Reticulation	720/730	100	1/01/1984 00:00:00	1984	$ 8,177	$ 8,357	$ -	$0	$0	$0	$0	$0	$0	$0	$8,357
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 9,784	$ 9,999	$ -	$0	$0	$0	$0	$0	$0	$0	$9,999
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 8,299	$ 8,482	$ -	$0	$0	$0	$0	$0	$0	$0	$8,482
Scone & Aberdeen	Reticulation	740/850	100	1/01/1970 00:00:00	1970	$ 42,813	$ 43,755	$ -	$0	$0	$0	$0	$0	$0	$0	$43,755
Scone & Aberdeen	Reticulation		100	1/01/1989 00:00:00	1989	$ 1,662	$ 1,699	$ -	$0	$0	$0	$0	$0	$0	$0	$1,699
Scone & Aberdeen	Reticulation	760/770	100	1/01/1989 00:00:00	1989	$ 29,141	$ 29,782	$ -	$0	$0	$0	$0	$0	$0	$0	$29,782
Scone & Aberdeen	Reticulation	"80/11051 BIRRELL ST"	100	1/01/1960 00:00:00	1960	$ 30,747	$ 31,424	$ -	$0	$0	$0	$0	$0	$0	$0	$31,424
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 17,174	$ 17,552	$ -	$0	$0	$0	$0	$0	$0	$0	$17,552
Scone & Aberdeen	Reticulation	810/820	110	1/01/1989 00:00:00	1989	$ 1,374	$ 1,404	$ -	$0	$0	$0	$0	$0	$0	$0	$1,404
Scone & Aberdeen	Reticulation	53 GUNDY RD	100	1/01/1960 00:00:00	1960	$ 41,318	$ 42,227	$ -	$0	$0	$0	$0	$0	$0	$0	$42,227
Scone & Aberdeen	Reticulation		110	1/01/1989 00:00:00	1989	$ 9,086	$ 9,286	$ -	$0	$0	$0	$0	$0	$0	$0	$9,286
Scone & Aberdeen	Reticulation		110	1/01/1989 00:00:00	1989	$ 9,418	$ 9,625	$ -	$0	$0	$0	$0	$0	$0	$0	$9,625
Scone & Aberdeen	Reticulation		110	1/01/1989 00:00:00	1989	$ 523	$ 534	$ -	$0	$0	$0	$0	$0	$0	$0	$534
Scone & Aberdeen	Reticulation	COVERED BY 850/880 155 SUSAN ST	100	1/01/1960 00:00:00	1960	$ 51,024	$ 52,146	$ -	$0	$0	$0	$0	$0	$0	$0	$52,146
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 56,575	$ 57,820	$ -	$0	$0	$0	$0	$0	$0	$0	$57,820
Scone & Aberdeen	Reticulation	210 SUSAN ST	100	1/01/1960 00:00:00	1960	$ 16,603	$ 16,969	$ -	$0	$0	$0	$0	$0	$0	$0	$16,969
Scone & Aberdeen	Reticulation			1/07/2007 00:00:00	2007	$ 18,282	$ 18,684	$ -	$0	$0	$0	$0	$0	$0	$0	$18,684
Scone & Aberdeen	Reticulation		100	1/01/1990 00:00:00	1990	$ 7,379	$ 7,542	$ -	$0	$0	$0	$0	$0	$0	$0	$7,542
Scone & Aberdeen	Reticulation		100	1/01/1990 00:00:00	1990	$ 1,828	$ 1,868	$ -	$0	$0	$0	$0	$0	$0	$0	$1,868
Scone & Aberdeen	Reticulation		100	1/01/1990 00:00:00	1990	$ 27,479	$ 28,083	$ -	$0	$0	$0	$0	$0	$0	$0	$28,083
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 11,623	$ 11,879	$ -	$0	$0	$0	$0	$0	$0	$0	$11,879
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 7,856	$ 8,029	$ -	$0	$0	$0	$0	$0	$0	$0	$8,029
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 15,080	$ 15,412	$ -	$0	$0	$0	$0	$0	$0	$0	$15,412
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 1,673	$ 1,710	$ -	$0	$0	$0	$0	$0	$0	$0	$1,710
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 3,091	$ 3,159	$ -	$0	$0	$0	$0	$0	$0	$0	$3,159
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 43,960	$ 44,927	$ -	$0	$0	$0	$0	$0	$0	$0	$44,927
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 26,426	$ 27,007	$ -	$0	$0	$0	$0	$0	$0	$0	$27,007
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 11,224	$ 11,471	$ -	$0	$0	$0	$0	$0	$0	$0	$11,471
Scone & Aberdeen	Reticulation	102 ST AUBINS ST	100	1/01/1960 00:00:00	1960	$ 8,942	$ 9,138	$ -	$0	$0	$0	$0	$0	$0	$0	$9,138
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 64,986	$ 66,416	$ 66,416	$0	$0	$0	$0	$0	$0	$0	$66,416
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 16,620	$ 16,986	$ -	$0	$0	$0	$0	$0	$0	$0	$16,986
Scone & Aberdeen	Reticulation	200 SUSAN ST	100	1/01/1960 00:00:00	1960	$ 15,556	$ 15,899	$ -	$0	$0	$0	$0	$0	$0	$0	$15,899
Scone & Aberdeen	Reticulation	2 COOPER ST	100	1/01/1960 00:00:00	1960	$ 33,656	$ 34,396	$ -	$0	$0	$0	$0	$0	$0	$0	$34,396
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 2,061	$ 2,106	$ -	$0	$0	$0	$0	$0	$0	$0	$2,106
Scone & Aberdeen	Trunk Mains	Cnr of Oxford & Birrell St	200	1/01/1932 00:00:00	1932	$ 20,261	$ 20,706	$ 20,706	$0	$0	$0	$0	$0	$0	$0	$20,706
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 2,061	$ 2,106	$ -	$0	$0	$0	$0	$0	$0	$0	$2,106
Scone & Aberdeen	Reticulation		100	1/07/2000 00:00:00	2000	$ 12,263	$ 12,533	$ -	$0	$0	$0	$0	$0	$0	$0	$12,533
Scone & Aberdeen	Reticulation	42 DEAWARRA	100	1/07/2000 00:00:00	2000	$ 2,892	$ 2,956	$ -	$0	$0	$0	$0	$0	$0	$0	$2,956
Scone & Aberdeen	Reticulation	43 DEAWARRA	100	1/07/2000 00:00:00	2000	$ 4,005	$ 4,094	$ -	$0	$0	$0	$0	$0	$0	$0	$4,094
Scone & Aberdeen	Reticulation	26 ALLAN CUNINGHAM	100	1/07/2000 00:00:00	2000	$ 14,222	$ 14,535	$ -	$0	$0	$0	$0	$0	$0	$0	$14,535
Scone & Aberdeen	Reticulation	30 ALLAN CUNINGHAM	100	1/07/2000 00:00:00	2000	$ 46,848	$ 47,878	$ -	$0	$0	$0	$0	$0	$0	$0	$47,878
Scone & Aberdeen	Reticulation	25 ALLAN CUNINGHAM	100	1/07/2000 00:00:00	2000	$ 8,881	$ 9,076	$ -	$0	$0	$0	$0	$0	$0	$0	$9,076
Scone & Aberdeen	Reticulation	35 ALLAN CUNINGHAM	100	1/07/2000 00:00:00	2000	$ 454	$ 464	$ -	$0	$0	$0	$0	$0	$0	$0	$464
Scone & Aberdeen	Reticulation	CLIFTLAND RD	100	1/07/2000 00:00:00	2000	$ 15,281	$ 15,617	$ -	$0	$0	$0	$0	$0	$0	$0	$15,617
Scone & Aberdeen	Reticulation	1 ALLAN CUNINGHAM	100	1/07/2000 00:00:00	2000	$ 5,221	$ 5,336	$ -	$0	$0	$0	$0	$0	$0	$0	$5,336
Scone & Aberdeen	Reticulation	7 ALLAN CUNINGHAM	100	1/07/2000 00:00:00	2000	$ 55,728	$ 56,954	$ -	$0	$0	$0	$0	$0	$0	$0	$56,954
Scone & Aberdeen	Reticulation	13 ALLAN CUNINGHAM	100	1/07/2000 00:00:00	2000	$ 6,387	$ 6,527	$ -	$0	$0	$0	$0	$0	$0	$0	$6,527
Scone & Aberdeen	Reticulation	12 ALLAN CUNINGHAM	100	1/07/2000 00:00:00	2000	$ 454	$ 464	$ -	$0	$0	$0	$0	$0	$0	$0	$464
Scone & Aberdeen	Reticulation	CRN MOOBI CLIFTLAND	100	1/07/2000 00:00:00	2000	$ 751	$ 768	$ -	$0	$0	$0	$0	$0	$0	$0	$768
Scone & Aberdeen	Reticulation	MOOBI RD	100	1/07/2000 00:00:00	2000	$ 31,143	$ 31,828	$ -	$0	$0	$0	$0	$0	$0	$0	$31,828
Scone & Aberdeen	Reticulation	24 ALLAN CUNINGHAM	100	1/07/2000 00:00:00	2000	$ 1,604	$ 1,640	$ -	$0	$0	$0	$0	$0	$0	$0	$1,640
Scone & Aberdeen	Reticulation	Kingdon Street	100	30/06/2008 00:00:00	2008	$ 25,817	$ 26,385	$ -	$0	$0	$0	$0	$0	$0	$0	$26,385
Scone & Aberdeen	Reticulation	Kingdon Street	100	30/06/2008 00:00:00	2008	$ 25,484	$ 26,045	$ -	$0	$0	$0	$0	$0	$0	$0	$26,045
Scone & Aberdeen	Reticulation	Hill Street	100	30/06/2008 00:00:00	2008	$ 18,448	$ 18,854	$ -	$0	$0	$0	$0	$0	$0	$0	$18,854
Scone & Aberdeen	Reticulation	Short Street	100	8/05/2008 00:00:00	2008	$ 26,643	$ 27,229	$ -	$0	$0	$0	$0	$0	$0	$0	$27,229
Scone & Aberdeen	Reticulation	Short Street	100	8/05/2008 00:00:00	2008	$ 30,150	$ 30,813	$ -	$0	$0	$0	$0	$0	$0	$0	$30,813
Scone & Aberdeen	Reticulation	Oxford Road	100	8/05/2008 00:00:00	2008	$ 28,490	$ 29,117	$ -	$0	$0	$0	$0	$0	$0	$0	$29,117

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

														Scone& Aberdeen, Murrurundi and Middlebrook	Scone& Aberdeen and Middlebrook	
Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1	Shared 2	Assets Excluded
Scone & Aberdeen	Reticulation	Oxford Road	100	8/05/2008 00:00:00	2008	$ 30,772	$ 31,449	$ -	$0	$0	$0	$0	$0	$0	$0	$31,449
Scone & Aberdeen	Reticulation	Liverpool Street	100	8/05/2008 00:00:00	2008	$ 8,668	$ 8,859	$ -	$0	$0	$0	$0	$0	$0	$0	$8,859
Scone & Aberdeen	Reticulation	Liverpool Street	100	8/05/2008 00:00:00	2008	$ 6,997	$ 7,151	$ -	$0	$0	$0	$0	$0	$0	$0	$7,151
Scone & Aberdeen	Reticulation	Moobi Road	100	29/11/2007 00:00:00	2007	$ 92,380	$ 94,413	$ -	$0	$0	$0	$0	$0	$0	$0	$94,413
Scone & Aberdeen	Reticulation		100	7/05/2008 00:00:00	2008	$ 20,916	$ 21,376	$ -	$0	$0	$0	$0	$0	$0	$0	$21,376
Scone & Aberdeen	Reticulation		100	7/05/2008 00:00:00	2008	$ 9,964	$ 10,184	$ -	$0	$0	$0	$0	$0	$0	$0	$10,184
Scone & Aberdeen	Reticulation		100	7/05/2008 00:00:00	2008	$ 9,025	$ 9,223	$ -	$0	$0	$0	$0	$0	$0	$0	$9,223
Scone & Aberdeen	Reticulation	700/710 new	100	1/07/2007 00:00:00	2007	$ 18,338	$ 18,741	$ -	$0	$0	$0	$0	$0	$0	$0	$18,741
Scone & Aberdeen	Reticulation	705/715	100	1/07/2007 00:00:00	2007	$ 18,338	$ 18,741	$ -	$0	$0	$0	$0	$0	$0	$0	$18,741
Scone & Aberdeen	Reticulation	Collection of retic pipes (to be broken up into nodes)		1/07/2008 00:00:00	2008	$ 324,223	$ 331,356	$ -	$0	$0	$0	$0	$0	$0	$0	$331,356
Scone & Aberdeen	Trunk Mains	Liverpool St, Guernsey to Kelly	150	1/01/1985 00:00:00	1985	$ 121,152	$ 123,817	$ 123,817	$123,817	$123,817	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	109 -106 Liverpool St, road crossing	150	1/01/1985 00:00:00	1985	$ 14,263	$ 14,577	$ 14,577	$14,577	$14,577	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Liverpool St, Coles carpark exit to and including road crossing	150	1/01/1985 00:00:00	1985	$ 33,166	$ 33,896	$ 33,896	$33,896	$33,896	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Mount St, Scone	100	1/01/1960 00:00:00	1960	$ 32,409	$ 33,122	$ -	$0	$0	$0	$0	$0	$0	$0	$33,122
Scone & Aberdeen	Reticulation	Stafford St (west)	100	1/01/1960 00:00:00	1960	$ 43,545	$ 44,503	$ -	$0	$0	$0	$0	$0	$0	$0	$44,503
Scone & Aberdeen	Reticulation	Stafford St (east)	100	1/01/1960 00:00:00	1960	$ 48,198	$ 49,259	$ -	$0	$0	$0	$0	$0	$0	$0	$49,259
Scone & Aberdeen	Reticulation	Liverpool St, SconeMain to Golden Fleece Driveway	100	4/02/2009 00:00:00	2009	$ 31,977	$ 32,681	$ -	$0	$0	$0	$0	$0	$0	$0	$32,681
Scone & Aberdeen	Reticulation	Liverpool St, Sconeround courthouse corner	100	4/02/2009 00:00:00	2009	$ 14,408	$ 14,725	$ -	$0	$0	$0	$0	$0	$0	$0	$14,725
Scone & Aberdeen	Reticulation	Liverpool St, SconeRoad crossing courthouse to admin centre	100	4/02/2009 00:00:00	2009	$ 11,155	$ 11,400	$ -	$0	$0	$0	$0	$0	$0	$0	$11,400
Scone & Aberdeen	Trunk Mains	Works Order 4042	200	20/06/2011 00:00:00	2011	$ 218,431	$ 223,237	$ 223,237	$223,237	$223,237	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Works Order 4042	150	20/06/2011 00:00:00	2011	$ 8,728	$ 8,920	$ 8,920	$8,920	$8,920	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Works Order 4037	150	20/06/2011 00:00:00	2011	$ 88,326	$ 90,269	$ 90,269	$90,269	$90,269	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Works Order 4036	150	20/06/2011 00:00:00	2011	$ 238,112	$ 243,351	$ 243,351	$243,351	$243,351	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Works Order 1082, Kookaburra Ave 2011 works.	150	20/06/2011 00:00:00	2011	$ 72,485	$ 74,079	$ 74,079	$74,079	$74,079	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Works Order 1077+1078	150	20/06/2011 00:00:00	2011	$ 115,134	$ 117,667	$ 117,667	$117,667	$117,667	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Works Order 1076	150	20/06/2011 00:00:00	2011	$ 59,431	$ 60,738	$ 60,738	$60,738	$60,738	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Works Order 4186	150	20/06/2011 00:00:00	2011	$ 12,279	$ 12,550	$ 12,550	$12,550	$12,550	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Works Order 4154	150	20/06/2011 00:00:00	2011	$ 60,031	$ 61,352	$ 61,352	$61,352	$61,352	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Works Order 4010 + 4152, Scone Air Park works.	150	20/06/2011 00:00:00	2011	$ 442,377	$ 452,109	$ 452,109	$452,109	$452,109	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Trunk Mains	Works Order 4151	150	20/06/2011 00:00:00	2011	$ 213,763	$ 218,465	$ 218,465	$218,465	$218,465	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Liverpool & Main sts (Park to Kingdon)	100	4/02/2009 00:00:00	2009	$ 143,362	$ 146,516	$ -	$0	$0	$0	$0	$0	$0	$0	$146,516
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 4,609	$ 4,711	$ -	$0	$0	$0	$0	$0	$0	$0	$4,711
Scone & Aberdeen	Reticulation	SPORTS COMPLEX	100	1/01/1991 00:00:00	1991	$ 18,005	$ 18,401	$ -	$0	$0	$0	$0	$0	$0	$0	$18,401
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 3,213	$ 3,284	$ -	$0	$0	$0	$0	$0	$0	$0	$3,284
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 24,952	$ 25,501	$ -	$0	$0	$0	$0	$0	$0	$0	$25,501
Scone & Aberdeen	Trunk Mains	43 Waverly St Scone	150	1/01/1932 00:00:00	1932	$ 7,345	$ 7,506	$ 7,506	$0	$0	$0	$0	$0	$0	$0	$7,506
Scone & Aberdeen	Reticulation		50	1/01/1973 00:00:00	1973	$ 4,521	$ 4,620	$ -	$0	$0	$0	$0	$0	$0	$0	$4,620
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 33,240	$ 33,972	$ -	$0	$0	$0	$0	$0	$0	$0	$33,972
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 471	$ 481	$ -	$0	$0	$0	$0	$0	$0	$0	$481
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 1,773	$ 1,812	$ -	$0	$0	$0	$0	$0	$0	$0	$1,812
Scone & Aberdeen	Reticulation	22-34 Seward Ave	100	1/01/1978 00:00:00	1978	$ 18,753	$ 19,166	$ -	$0	$0	$0	$0	$0	$0	$0	$19,166
Scone & Aberdeen	Reticulation	4 MACARTNEY PL	100	1/01/1960 00:00:00	1960	$ 30,963	$ 31,644	$ -	$0	$0	$0	$0	$0	$0	$0	$31,644
Scone & Aberdeen	Reticulation	BIRRELL ST	100	1/01/1998 00:00:00	1998	$ 809	$ 827	$ -	$0	$0	$0	$0	$0	$0	$0	$827
Scone & Aberdeen	Reticulation	Liverpool St, SconeMain to Park, nth side	100	4/02/2009 00:00:00	2009	$ 65,069	$ 66,501	$ -	$0	$0	$0	$0	$0	$0	$0	$66,501
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 2,415	$ 2,469	$ -	$0	$0	$0	$0	$0	$0	$0	$2,469
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 34,791	$ 35,557	$ -	$0	$0	$0	$0	$0	$0	$0	$35,557
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 51,406	$ 52,537	$ -	$0	$0	$0	$0	$0	$0	$0	$52,537
Scone & Aberdeen	Reticulation	96 WAVERLY ST	100	1/01/1960 00:00:00	1960	$ 11,169	$ 11,414	$ -	$0	$0	$0	$0	$0	$0	$0	$11,414
Scone & Aberdeen	Reticulation	92 WAVERLY ST	100	1/01/1960 00:00:00	1960	$ 23,484	$ 24,001	$ -	$0	$0	$0	$0	$0	$0	$0	$24,001
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 15,645	$ 15,989	$ -	$0	$0	$0	$0	$0	$0	$0	$15,989
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 2,515	$ 2,571	$ -	$0	$0	$0	$0	$0	$0	$0	$2,571
Scone & Aberdeen	Reticulation	101 WAVERLY ST	100	1/01/1960 00:00:00	1960	$ 43,345	$ 44,299	$ -	$0	$0	$0	$0	$0	$0	$0	$44,299
Scone & Aberdeen	Reticulation	113 WAVERLY ST	100	1/01/1960 00:00:00	1960	$ 57,855	$ 59,127	$ -	$0	$0	$0	$0	$0	$0	$0	$59,127
Scone & Aberdeen	Reticulation	113 WAVERLY ST	100	1/01/1960 00:00:00	1960	$ 2,992	$ 3,057	$ -	$0	$0	$0	$0	$0	$0	$0	$3,057
Scone & Aberdeen	Reticulation	123 WAVERLY ST	100	1/01/1960 00:00:00	1960	$ 2,593	$ 2,650	$ -	$0	$0	$0	$0	$0	$0	$0	$2,650
Scone & Aberdeen	Reticulation	45 GUNDY RD	100	1/01/1960 00:00:00	1960	$ 14,327	$ 14,642	$ -	$0	$0	$0	$0	$0	$0	$0	$14,642
Scone & Aberdeen	Reticulation	41 GUNDY RD	100	1/01/1960 00:00:00	1960	$ 5,402	$ 5,520	$ -	$0	$0	$0	$0	$0	$0	$0	$5,520
Scone & Aberdeen	Reticulation	120 WAVERLY ST	100	1/01/1960 00:00:00	1960	$ 7,462	$ 7,627	$ -	$0	$0	$0	$0	$0	$0	$0	$7,627
Scone & Aberdeen	Reticulation	120 WAVERLY ST	100	1/01/1960 00:00:00	1960	$ 2,476	$ 2,531	$ -	$0	$0	$0	$0	$0	$0	$0	$2,531
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 15,856	$ 16,204	$ -	$0	$0	$0	$0	$0	$0	$0	$16,204
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 1,241	$ 1,268	$ -	$0	$0	$0	$0	$0	$0	$0	$1,268
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 52,154	$ 53,301	$ -	$0	$0	$0	$0	$0	$0	$0	$53,301
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 6,648	$ 6,794	$ -	$0	$0	$0	$0	$0	$0	$0	$6,794
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 26,925	$ 27,517	$ -	$0	$0	$0	$0	$0	$0	$0	$27,517
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 31,761	$ 32,460	$ -	$0	$0	$0	$0	$0	$0	$0	$32,460
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 1,850	$ 1,891	$ -	$0	$0	$0	$0	$0	$0	$0	$1,891
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 6,803	$ 6,953	$ -	$0	$0	$0	$0	$0	$0	$0	$6,953
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 6,692	$ 6,840	$ -	$0	$0	$0	$0	$0	$0	$0	$6,840
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 9,451	$ 9,659	$ -	$0	$0	$0	$0	$0	$0	$0	$9,659
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 18,714	$ 19,126	$ -	$0	$0	$0	$0	$0	$0	$0	$19,126
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 22,991	$ 23,497	$ -	$0	$0	$0	$0	$0	$0	$0	$23,497
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 2,260	$ 2,310	$ -	$0	$0	$0	$0	$0	$0	$0	$2,310
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 17,739	$ 18,129	$ -	$0	$0	$0	$0	$0	$0	$0	$18,129
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 4,742	$ 4,847	$ -	$0	$0	$0	$0	$0	$0	$0	$4,847
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 13,130	$ 13,419	$ -	$0	$0	$0	$0	$0	$0	$0	$13,419
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 31,329	$ 32,018	$ -	$0	$0	$0	$0	$0	$0	$0	$32,018
Scone & Aberdeen	Reticulation		25	1/01/1987 00:00:00	1987	$ 831	$ 849	$ -	$0	$0	$0	$0	$0	$0	$0	$849
Scone & Aberdeen	Reticulation		25	1/01/1987 00:00:00	1987	$ 5,651	$ 5,775	$ -	$0	$0	$0	$0	$0	$0	$0	$5,775

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Scone& Aberdeen, Murrurundi and Middlebrook Shared 1	Scone& Aberdeen and Middlebrook Shared 2	Assets Excluded
Scone & Aberdeen	Reticulation		25	1/01/1987 00:00:00	1987	$ 7,665	$ 7,834	$ -	$0	$0	$0	$0	$0	$0	$0	$7,834
Scone & Aberdeen	Reticulation			1/07/2007 00:00:00	2007	$ 1,773	$ 1,812	$ -	$0	$0	$0	$0	$0	$0	$0	$1,812
Scone & Aberdeen	Reticulation		25	1/01/1980 00:00:00	1980	$ 4,946	$ 5,055	$ -	$0	$0	$0	$0	$0	$0	$0	$5,055
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 42,797	$ 43,738	$ -	$0	$0	$0	$0	$0	$0	$0	$43,738
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 8,227	$ 8,408	$ -	$0	$0	$0	$0	$0	$0	$0	$8,408
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 1,512	$ 1,546	$ -	$0	$0	$0	$0	$0	$0	$0	$1,546
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 31,794	$ 32,494	$ -	$0	$0	$0	$0	$0	$0	$0	$32,494
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 17,169	$ 17,546	$ -	$0	$0	$0	$0	$0	$0	$0	$17,546
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 20,775	$ 21,232	$ -	$0	$0	$0	$0	$0	$0	$0	$21,232
Scone & Aberdeen	Reticulation		100	1/07/1957 00:00:00	1957	$ 5,318	$ 5,435	$ -	$0	$0	$0	$0	$0	$0	$0	$5,435
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 16,570	$ 16,935	$ -	$0	$0	$0	$0	$0	$0	$0	$16,935
Scone & Aberdeen	Reticulation		100	1/01/1986 00:00:00	1986	$ 22,470	$ 22,965	$ -	$0	$0	$0	$0	$0	$0	$0	$22,965
Scone & Aberdeen	Reticulation		100	1/07/1957 00:00:00	1957	$ 14,515	$ 14,834	$ -	$0	$0	$0	$0	$0	$0	$0	$14,834
Scone & Aberdeen	Reticulation		100	1/01/1985 00:00:00	1985	$ 23,335	$ 23,848	$ -	$0	$0	$0	$0	$0	$0	$0	$23,848
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 18,880	$ 19,296	$ -	$0	$0	$0	$0	$0	$0	$0	$19,296
Scone & Aberdeen	Trunk Mains		150	1/01/1986 00:00:00	1986	$ 51,223	$ 52,350	$ 52,350	$52,350	$52,350	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 15,623	$ 15,967	$ -	$0	$0	$0	$0	$0	$0	$0	$15,967
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 1,773	$ 1,812	$ -	$0	$0	$0	$0	$0	$0	$0	$1,812
Scone & Aberdeen	Reticulation		100	1/01/1986 00:00:00	1986	$ 20,698	$ 21,153	$ -	$0	$0	$0	$0	$0	$0	$0	$21,153
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 15,872	$ 16,221	$ -	$0	$0	$0	$0	$0	$0	$0	$16,221
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 26,966	$ 27,559	$ -	$0	$0	$0	$0	$0	$0	$0	$27,559
Scone & Aberdeen	Reticulation		100	1/01/1985 00:00:00	1985	$ 3,296	$ 3,369	$ -	$0	$0	$0	$0	$0	$0	$0	$3,369
Scone & Aberdeen	Reticulation		100	1/01/1985 00:00:00	1985	$ 2,521	$ 2,576	$ -	$0	$0	$0	$0	$0	$0	$0	$2,576
Scone & Aberdeen	Reticulation		100	1/01/1985 00:00:00	1985	$ 1,607	$ 1,642	$ -	$0	$0	$0	$0	$0	$0	$0	$1,642
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 25,761	$ 26,328	$ -	$0	$0	$0	$0	$0	$0	$0	$26,328
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 9,950	$ 10,169	$ -	$0	$0	$0	$0	$0	$0	$0	$10,169
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 43,628	$ 44,588	$ -	$0	$0	$0	$0	$0	$0	$0	$44,588
Scone & Aberdeen	Reticulation		100	1/01/1940 00:00:00	1940	$ 21,689	$ 22,166	$ -	$0	$0	$0	$0	$0	$0	$0	$22,166
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 24,136	$ 24,667	$ 24,667	$0	$0	$0	$0	$0	$0	$0	$24,667
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 28,314	$ 28,937	$ 28,937	$0	$0	$0	$0	$0	$0	$0	$28,937
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 6,838	$ 6,988	$ 6,988	$0	$0	$0	$0	$0	$0	$0	$6,988
Scone & Aberdeen	Reticulation		100	1/01/1986 00:00:00	1986	$ 23,324	$ 23,837	$ -	$0	$0	$0	$0	$0	$0	$0	$23,837
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 23,173	$ 23,683	$ 23,683	$0	$0	$0	$0	$0	$0	$0	$23,683
Scone & Aberdeen	Reticulation		100	1/01/1986 00:00:00	1986	$ 28,365	$ 28,989	$ -	$0	$0	$0	$0	$0	$0	$0	$28,989
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 696	$ 712	$ 712	$0	$0	$0	$0	$0	$0	$0	$712
Scone & Aberdeen	Reticulation	3 GUNDY RD	100	1/01/1960 00:00:00	1960	$ 499	$ 510	$ -	$0	$0	$0	$0	$0	$0	$0	$510
Scone & Aberdeen	Reticulation		100	1/07/1957 00:00:00	1957	$ 3,656	$ 3,737	$ -	$0	$0	$0	$0	$0	$0	$0	$3,737
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 5,651	$ 5,775	$ -	$0	$0	$0	$0	$0	$0	$0	$5,775
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 34,154	$ 34,906	$ -	$0	$0	$0	$0	$0	$0	$0	$34,906
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 1,745	$ 1,784	$ -	$0	$0	$0	$0	$0	$0	$0	$1,784
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 2,036	$ 2,081	$ -	$0	$0	$0	$0	$0	$0	$0	$2,081
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 1,393	$ 1,424	$ 1,424	$0	$0	$0	$0	$0	$0	$0	$1,424
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 6,781	$ 6,930	$ -	$0	$0	$0	$0	$0	$0	$0	$6,930
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 36,723	$ 37,530	$ 37,530	$0	$0	$0	$0	$0	$0	$0	$37,530
Scone & Aberdeen	Reticulation	114 ST AUBINS ST	100	1/01/1960 00:00:00	1960	$ 432	$ 442	$ -	$0	$0	$0	$0	$0	$0	$0	$442
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 1,994	$ 2,038	$ -	$0	$0	$0	$0	$0	$0	$0	$2,038
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 5,002	$ 5,112	$ 5,112	$0	$0	$0	$0	$0	$0	$0	$5,112
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 27,465	$ 28,069	$ -	$0	$0	$0	$0	$0	$0	$0	$28,069
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 32,866	$ 33,589	$ -	$0	$0	$0	$0	$0	$0	$0	$33,589
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 12,648	$ 12,926	$ -	$0	$0	$0	$0	$0	$0	$0	$12,926
Scone & Aberdeen	Reticulation		100	1/01/1985 00:00:00	1985	$ 5,562	$ 5,685	$ -	$0	$0	$0	$0	$0	$0	$0	$5,685
Scone & Aberdeen	Reticulation		100	1/01/1985 00:00:00	1985	$ 13,163	$ 13,453	$ -	$0	$0	$0	$0	$0	$0	$0	$13,453
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 19,529	$ 19,958	$ -	$0	$0	$0	$0	$0	$0	$0	$19,958
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 1,429	$ 1,461	$ -	$0	$0	$0	$0	$0	$0	$0	$1,461
Scone & Aberdeen	Reticulation		25	1/01/1984 00:00:00	1984	$ 3,723	$ 3,805	$ -	$0	$0	$0	$0	$0	$0	$0	$3,805
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 18,282	$ 18,684	$ -	$0	$0	$0	$0	$0	$0	$0	$18,684
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 29,044	$ 29,683	$ -	$0	$0	$0	$0	$0	$0	$0	$29,683
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 1,080	$ 1,104	$ -	$0	$0	$0	$0	$0	$0	$0	$1,104
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 3,324	$ 3,397	$ -	$0	$0	$0	$0	$0	$0	$0	$3,397
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 44,542	$ 45,522	$ -	$0	$0	$0	$0	$0	$0	$0	$45,522
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 20,484	$ 20,935	$ -	$0	$0	$0	$0	$0	$0	$0	$20,935
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 1,717	$ 1,755	$ -	$0	$0	$0	$0	$0	$0	$0	$1,755
Scone & Aberdeen	Reticulation		100	1/07/1991 00:00:00	1991	$ 43,323	$ 44,276	$ -	$0	$0	$0	$0	$0	$0	$0	$44,276
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 587	$ 600	$ -	$0	$0	$0	$0	$0	$0	$0	$600
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 1,662	$ 1,699	$ -	$0	$0	$0	$0	$0	$0	$0	$1,699
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 7,507	$ 7,672	$ -	$0	$0	$0	$0	$0	$0	$0	$7,672
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 32,077	$ 32,783	$ -	$0	$0	$0	$0	$0	$0	$0	$32,783
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 19,667	$ 20,100	$ -	$0	$0	$0	$0	$0	$0	$0	$20,100
Scone & Aberdeen	Reticulation		25	1/01/1984 00:00:00	1984	$ 1,735	$ 1,773	$ -	$0	$0	$0	$0	$0	$0	$0	$1,773
Scone & Aberdeen	Reticulation		25	1/01/1984 00:00:00	1984	$ 2,859	$ 2,922	$ -	$0	$0	$0	$0	$0	$0	$0	$2,922
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 1,745	$ 1,784	$ -	$0	$0	$0	$0	$0	$0	$0	$1,784
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 12,410	$ 12,683	$ -	$0	$0	$0	$0	$0	$0	$0	$12,683
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 13,961	$ 14,268	$ -	$0	$0	$0	$0	$0	$0	$0	$14,268
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 10,388	$ 10,616	$ -	$0	$0	$0	$0	$0	$0	$0	$10,616
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 1,994	$ 2,038	$ -	$0	$0	$0	$0	$0	$0	$0	$2,038
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 5,512	$ 5,634	$ -	$0	$0	$0	$0	$0	$0	$0	$5,634
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 2,632	$ 2,689	$ -	$0	$0	$0	$0	$0	$0	$0	$2,689
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 3,601	$ 3,680	$ -	$0	$0	$0	$0	$0	$0	$0	$3,680
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 1,717	$ 1,755	$ -	$0	$0	$0	$0	$0	$0	$0	$1,755
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 28,711	$ 29,343	$ -	$0	$0	$0	$0	$0	$0	$0	$29,343

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1 (Scone& Aberdeen, Murrurundi and Middlebrook)	Shared 2 (Scone& Aberdeen and Middlebrook)	Assets Excluded
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 3,645	$ 3,726	$ -	$0	$0	$0	$0	$0	$0	$0	$3,726
Scone & Aberdeen	Reticulation	28 SYDNEY ST	100	1/01/1960 00:00:00	1960	$ 33,024	$ 33,751	$ -	$0	$0	$0	$0	$0	$0	$0	$33,751
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 12,277	$ 12,547	$ -	$0	$0	$0	$0	$0	$0	$0	$12,547
Scone & Aberdeen	Reticulation	2 MUFFET ST	100	1/01/1960 00:00:00	1960	$ 59,517	$ 60,826	$ -	$0	$0	$0	$0	$0	$0	$0	$60,826
Scone & Aberdeen	Reticulation	1 HAYES ST	100	1/01/1960 00:00:00	1960	$ 4,720	$ 4,824	$ -	$0	$0	$0	$0	$0	$0	$0	$4,824
Scone & Aberdeen	Reticulation	16 MUFFET ST	100	1/01/1960 00:00:00	1960	$ 22,537	$ 23,033	$ -	$0	$0	$0	$0	$0	$0	$0	$23,033
Scone & Aberdeen	Reticulation	23 HAYES ST	100	1/01/1960 00:00:00	1960	$ 17,451	$ 17,835	$ -	$0	$0	$0	$0	$0	$0	$0	$17,835
Scone & Aberdeen	Reticulation	31 HAYES ST	100	1/01/1960 00:00:00	1960	$ 56,342	$ 57,582	$ -	$0	$0	$0	$0	$0	$0	$0	$57,582
Scone & Aberdeen	Reticulation	18 HAYES ST	100	1/01/1960 00:00:00	1960	$ 12,448	$ 12,722	$ -	$0	$0	$0	$0	$0	$0	$0	$12,722
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 3,967	$ 4,054	$ -	$0	$0	$0	$0	$0	$0	$0	$4,054
Scone & Aberdeen	Reticulation		100	1/01/1973 00:00:00	1973	$ 31,733	$ 32,431	$ -	$0	$0	$0	$0	$0	$0	$0	$32,431
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 7,789	$ 7,961	$ -	$0	$0	$0	$0	$0	$0	$0	$7,961
Scone & Aberdeen	Reticulation		50	1/01/1973 00:00:00	1973	$ 10,122	$ 10,344	$ -	$0	$0	$0	$0	$0	$0	$0	$10,344
Scone & Aberdeen	Reticulation		50	1/01/1973 00:00:00	1973	$ 545	$ 557	$ -	$0	$0	$0	$0	$0	$0	$0	$557
Scone & Aberdeen	Reticulation		50	1/01/1973 00:00:00	1973	$ 16,939	$ 17,312	$ -	$0	$0	$0	$0	$0	$0	$0	$17,312
Scone & Aberdeen	Reticulation		50	1/01/1973 00:00:00	1973	$ 6,668	$ 6,815	$ -	$0	$0	$0	$0	$0	$0	$0	$6,815
Scone & Aberdeen	Reticulation	116 ST AUBINS ST	100	1/01/1960 00:00:00	1960	$ 5,501	$ 5,622	$ -	$0	$0	$0	$0	$0	$0	$0	$5,622
Scone & Aberdeen	Reticulation		50	1/01/1973 00:00:00	1973	$ 8,250	$ 8,432	$ -	$0	$0	$0	$0	$0	$0	$0	$8,432
Scone & Aberdeen	Reticulation		50	1/01/1983 00:00:00	1983	$ 11,318	$ 11,567	$ -	$0	$0	$0	$0	$0	$0	$0	$11,567
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 28,808	$ 29,442	$ -	$0	$0	$0	$0	$0	$0	$0	$29,442
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 3,435	$ 3,510	$ -	$0	$0	$0	$0	$0	$0	$0	$3,510
Scone & Aberdeen	Reticulation		100	1/01/1983 00:00:00	1983	$ 23,047	$ 23,554	$ -	$0	$0	$0	$0	$0	$0	$0	$23,554
Scone & Aberdeen	Reticulation		100	1/01/1975 00:00:00	1975	$ 5,041	$ 5,152	$ -	$0	$0	$0	$0	$0	$0	$0	$5,152
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 10,637	$ 10,871	$ -	$0	$0	$0	$0	$0	$0	$0	$10,871
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 22,648	$ 23,146	$ -	$0	$0	$0	$0	$0	$0	$0	$23,146
Scone & Aberdeen	Reticulation		100	1/01/1975 00:00:00	1975	$ 3,186	$ 3,256	$ -	$0	$0	$0	$0	$0	$0	$0	$3,256
Scone & Aberdeen	Reticulation	2 ASKIN CL	100	1/01/1960 00:00:00	1960	$ 21,124	$ 21,589	$ -	$0	$0	$0	$0	$0	$0	$0	$21,589
Scone & Aberdeen	Reticulation		100	1/01/1975 00:00:00	1975	$ 41,794	$ 42,714	$ -	$0	$0	$0	$0	$0	$0	$0	$42,714
Scone & Aberdeen	Reticulation	4 KELLY ST	100	1/01/1960 00:00:00	1960	$ 8,775	$ 8,968	$ -	$0	$0	$0	$0	$0	$0	$0	$8,968
Scone & Aberdeen	Reticulation	7 KELLY ST	100	1/01/1960 00:00:00	1960	$ 31,545	$ 32,239	$ -	$0	$0	$0	$0	$0	$0	$0	$32,239
Scone & Aberdeen	Reticulation	7 KELLY ST	100	1/01/1960 00:00:00	1960	$ 4,487	$ 4,586	$ -	$0	$0	$0	$0	$0	$0	$0	$4,586
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 13,296	$ 13,589	$ -	$0	$0	$0	$0	$0	$0	$0	$13,589
Scone & Aberdeen	Reticulation	7 KELLY ST	100	1/01/1960 00:00:00	1960	$ 41,367	$ 42,278	$ -	$0	$0	$0	$0	$0	$0	$0	$42,278
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 2,493	$ 2,548	$ -	$0	$0	$0	$0	$0	$0	$0	$2,548
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 10,000	$ 10,220	$ -	$0	$0	$0	$0	$0	$0	$0	$10,220
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 21,855	$ 22,336	$ -	$0	$0	$0	$0	$0	$0	$0	$22,336
Scone & Aberdeen	Reticulation	2 ASKIN CL	100	1/01/1960 00:00:00	1960	$ 35,019	$ 35,789	$ -	$0	$0	$0	$0	$0	$0	$0	$35,789
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 1,856	$ 1,897	$ -	$0	$0	$0	$0	$0	$0	$0	$1,897
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 26,515	$ 27,098	$ -	$0	$0	$0	$0	$0	$0	$0	$27,098
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 4,681	$ 4,784	$ -	$0	$0	$0	$0	$0	$0	$0	$4,784
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 20,288	$ 20,734	$ -	$0	$0	$0	$0	$0	$0	$0	$20,734
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 6,537	$ 6,681	$ -	$0	$0	$0	$0	$0	$0	$0	$6,681
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 14,404	$ 14,721	$ -	$0	$0	$0	$0	$0	$0	$0	$14,721
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 2,188	$ 2,236	$ -	$0	$0	$0	$0	$0	$0	$0	$2,236
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 1,884	$ 1,925	$ -	$0	$0	$0	$0	$0	$0	$0	$1,925
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 9,003	$ 9,201	$ -	$0	$0	$0	$0	$0	$0	$0	$9,201
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 9,695	$ 9,908	$ -	$0	$0	$0	$0	$0	$0	$0	$9,908
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 1,806	$ 1,846	$ -	$0	$0	$0	$0	$0	$0	$0	$1,846
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 4,931	$ 5,039	$ -	$0	$0	$0	$0	$0	$0	$0	$5,039
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 10,249	$ 10,475	$ -	$0	$0	$0	$0	$0	$0	$0	$10,475
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 9,418	$ 9,625	$ -	$0	$0	$0	$0	$0	$0	$0	$9,625
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 3,366	$ 3,440	$ -	$0	$0	$0	$0	$0	$0	$0	$3,440
Scone & Aberdeen	Reticulation	22 GUNDY RD	100	1/01/1960 00:00:00	1960	$ 3,640	$ 3,720	$ -	$0	$0	$0	$0	$0	$0	$0	$3,720
Scone & Aberdeen	Reticulation	34 EVERLEIGH CRT	100	1/01/1960 00:00:00	1960	$ 3,208	$ 3,278	$ -	$0	$0	$0	$0	$0	$0	$0	$3,278
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 21,149	$ 21,614	$ -	$0	$0	$0	$0	$0	$0	$0	$21,614
Scone & Aberdeen	Reticulation	30 FORBES ST	100	1/07/2007 00:00:00	2007	$ 24,249	$ 24,782	$ -	$0	$0	$0	$0	$0	$0	$0	$24,782
Scone & Aberdeen	Reticulation	66 KELLY ST	100	1/07/2007 00:00:00	2007	$ 11,302	$ 11,550	$ -	$0	$0	$0	$0	$0	$0	$0	$11,550
Scone & Aberdeen	Reticulation	PIPE REMOVED	100	1/01/1960 00:00:00	1960	$ 10,620	$ 10,854	$ -	$0	$0	$0	$0	$0	$0	$0	$10,854
Scone & Aberdeen	Reticulation		100	1/07/2007 00:00:00	2007	$ 9,557	$ 9,767	$ -	$0	$0	$0	$0	$0	$0	$0	$9,767
Scone & Aberdeen	Reticulation		100	1/07/2007 00:00:00	2007	$ 31,163	$ 31,848	$ -	$0	$0	$0	$0	$0	$0	$0	$31,848
Scone & Aberdeen	Reticulation	May be R240/R250?	25	1/01/1984 00:00:00	1984	$ 1,429	$ 1,461	$ -	$0	$0	$0	$0	$0	$0	$0	$1,461
Scone & Aberdeen	Reticulation	10 GURNSEY ST	100	1/01/1960 00:00:00	1960	$ 14,659	$ 14,981	$ -	$0	$0	$0	$0	$0	$0	$0	$14,981
Scone & Aberdeen	Reticulation	48 HILL ST	100	1/01/1960 00:00:00	1960	$ 831	$ 849	$ -	$0	$0	$0	$0	$0	$0	$0	$849
Scone & Aberdeen	Reticulation	48 HILL ST	100	1/01/1960 00:00:00	1960	$ 10,604	$ 10,837	$ -	$0	$0	$0	$0	$0	$0	$0	$10,837
Scone & Aberdeen	Reticulation	48HILL ST	100	1/01/1960 00:00:00	1960	$ 20,343	$ 20,791	$ -	$0	$0	$0	$0	$0	$0	$0	$20,791
Scone & Aberdeen	Reticulation		25	1/01/1984 00:00:00	1984	$ 2,992	$ 3,057	$ -	$0	$0	$0	$0	$0	$0	$0	$3,057
Scone & Aberdeen	Reticulation	14 MOUNT ST	100	1/01/1960 00:00:00	1960	$ 23,734	$ 24,256	$ -	$0	$0	$0	$0	$0	$0	$0	$24,256
Scone & Aberdeen	Reticulation	9 MOUNT ST	100	1/01/1960 00:00:00	1960	$ 3,640	$ 3,720	$ -	$0	$0	$0	$0	$0	$0	$0	$3,720
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 13,767	$ 14,070	$ -	$0	$0	$0	$0	$0	$0	$0	$14,070
Scone & Aberdeen	Reticulation	"was 2430/2450Hill Street"	100	1/01/1932 00:00:00	1932	$ 20,401	$ 20,850	$ -	$0	$0	$0	$0	$0	$0	$0	$20,850
Scone & Aberdeen	Reticulation	24 HILL ST	100	1/01/1960 00:00:00	1960	$ 9,341	$ 9,546	$ -	$0	$0	$0	$0	$0	$0	$0	$9,546
Scone & Aberdeen	Reticulation	15 HILL ST	100	1/01/1960 00:00:00	1960	$ 2,543	$ 2,599	$ -	$0	$0	$0	$0	$0	$0	$0	$2,599
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 38,559	$ 39,407	$ -	$0	$0	$0	$0	$0	$0	$0	$39,407
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 19,612	$ 20,043	$ -	$0	$0	$0	$0	$0	$0	$0	$20,043
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 36,938	$ 37,751	$ -	$0	$0	$0	$0	$0	$0	$0	$37,751
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 7,022	$ 7,176	$ -	$0	$0	$0	$0	$0	$0	$0	$7,176
Scone & Aberdeen	Reticulation	10 GURNSEY ST	100	1/01/1960 00:00:00	1960	$ 23,684	$ 24,205	$ -	$0	$0	$0	$0	$0	$0	$0	$24,205
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 64,195	$ 65,607	$ -	$0	$0	$0	$0	$0	$0	$0	$65,607
Scone & Aberdeen	Reticulation	32 HILL ST	100	1/01/1960 00:00:00	1960	$ 14,659	$ 14,981	$ -	$0	$0	$0	$0	$0	$0	$0	$14,981
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 789	$ 807	$ -	$0	$0	$0	$0	$0	$0	$0	$807

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1 (Scone& Aberdeen, Murrurundi and Middlebrook)	Shared 2 (Scone& Aberdeen and Middlebrook)	Assets Excluded
Scone & Aberdeen	Reticulation		100	1/01/1990 00:00:00	1990	$ 23,573	$ 24,091	$ -	$0	$0	$0	$0	$0	$0	$0	$24,091
Scone & Aberdeen	Reticulation	48 HILL ST	100	1/01/1960 00:00:00	1960	$ 4,803	$ 4,909	$ -	$0	$0	$0	$0	$0	$0	$0	$4,909
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 2,327	$ 2,378	$ -	$0	$0	$0	$0	$0	$0	$0	$2,378
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 1,247	$ 1,274	$ -	$0	$0	$0	$0	$0	$0	$0	$1,274
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 32,575	$ 33,292	$ -	$0	$0	$0	$0	$0	$0	$0	$33,292
Scone & Aberdeen	Reticulation		100	1/01/1960 00:00:00	1960	$ 35,733	$ 36,519	$ -	$0	$0	$0	$0	$0	$0	$0	$36,519
Scone & Aberdeen	Reticulation	63 SUSAN ST	100	1/01/1960 00:00:00	1960	$ 2,078	$ 2,123	$ -	$0	$0	$0	$0	$0	$0	$0	$2,123
Scone & Aberdeen	Reticulation		25	1/01/1982 00:00:00	1982	$ 12,166	$ 12,434	$ -	$0	$0	$0	$0	$0	$0	$0	$12,434
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 9,778	$ 9,993	$ -	$0	$0	$0	$0	$0	$0	$0	$9,993
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 8,172	$ 8,351	$ -	$0	$0	$0	$0	$0	$0	$0	$8,351
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 15,207	$ 15,542	$ -	$0	$0	$0	$0	$0	$0	$0	$15,542
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 831	$ 849	$ -	$0	$0	$0	$0	$0	$0	$0	$849
Scone & Aberdeen	Reticulation	5 PARKER ST	100	1/01/1960 00:00:00	1960	$ 41,151	$ 42,057	$ -	$0	$0	$0	$0	$0	$0	$0	$42,057
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 10,304	$ 10,531	$ -	$0	$0	$0	$0	$0	$0	$0	$10,531
Scone & Aberdeen	Reticulation	50 SUSAN ST	100	1/01/1960 00:00:00	1960	$ 3,823	$ 3,907	$ -	$0	$0	$0	$0	$0	$0	$0	$3,907
Scone & Aberdeen	Reticulation	49 KELLY ST	100	1/01/1960 00:00:00	1960	$ 39,290	$ 40,154	$ -	$0	$0	$0	$0	$0	$0	$0	$40,154
Scone & Aberdeen	Reticulation	3 HEFFRON CL	100	1/01/1960 00:00:00	1960	$ 38,143	$ 38,982	$ -	$0	$0	$0	$0	$0	$0	$0	$38,982
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 3,039	$ 3,106	$ 3,106	$0	$0	$0	$0	$0	$0	$0	$3,106
Scone & Aberdeen	Reticulation	38 GURNSEY ST	100	1/01/1960 00:00:00	1960	$ 1,147	$ 1,172	$ -	$0	$0	$0	$0	$0	$0	$0	$1,172
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 1,496	$ 1,529	$ -	$0	$0	$0	$0	$0	$0	$0	$1,529
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 1,646	$ 1,682	$ 1,682	$0	$0	$0	$0	$0	$0	$0	$1,682
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 2,110	$ 2,156	$ -	$0	$0	$0	$0	$0	$0	$0	$2,156
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 970	$ 991	$ -	$0	$0	$0	$0	$0	$0	$0	$991
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 40,678	$ 41,573	$ -	$0	$0	$0	$0	$0	$0	$0	$41,573
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 53,881	$ 55,066	$ 55,066	$0	$0	$0	$0	$0	$0	$0	$55,066
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 1,787	$ 1,826	$ -	$0	$0	$0	$0	$0	$0	$0	$1,826
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 4,986	$ 5,096	$ -	$0	$0	$0	$0	$0	$0	$0	$5,096
Scone & Aberdeen	Reticulation	5 HEFFRON CL	100	23/05/1905 00:00:00	1905	$ 21,939	$ 22,421	$ -	$0	$0	$0	$0	$0	$0	$0	$22,421
Scone & Aberdeen	Reticulation	64 ABERDEEN ST	100	1/01/1960 00:00:00	1960	$ 6,847	$ 6,998	$ -	$0	$0	$0	$0	$0	$0	$0	$6,998
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 1,704	$ 1,741	$ -	$0	$0	$0	$0	$0	$0	$0	$1,741
Scone & Aberdeen	Reticulation	110 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 3,806	$ 3,890	$ -	$0	$0	$0	$0	$0	$0	$0	$3,890
Scone & Aberdeen	Reticulation	106 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 12,465	$ 12,739	$ -	$0	$0	$0	$0	$0	$0	$0	$12,739
Scone & Aberdeen	Trunk Mains	39 Guersey St Scone	150	1/01/1960 00:00:00	1960	$ 2,560	$ 2,616	$ 2,616	$0	$0	$0	$0	$0	$0	$0	$2,616
Scone & Aberdeen	Reticulation	55 GURNSEY ST	100	1/01/1960 00:00:00	1960	$ 33,988	$ 34,736	$ -	$0	$0	$0	$0	$0	$0	$0	$34,736
Scone & Aberdeen	Reticulation	100 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 2,709	$ 2,769	$ -	$0	$0	$0	$0	$0	$0	$0	$2,769
Scone & Aberdeen	Reticulation	62 GURNSEY ST	100	1/01/1960 00:00:00	1960	$ 4,089	$ 4,178	$ -	$0	$0	$0	$0	$0	$0	$0	$4,178
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 38,525	$ 39,373	$ -	$0	$0	$0	$0	$0	$0	$0	$39,373
Scone & Aberdeen	Reticulation	101 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 13,894	$ 14,200	$ -	$0	$0	$0	$0	$0	$0	$0	$14,200
Scone & Aberdeen	Reticulation	60 GURNSEY ST	100	1/01/1960 00:00:00	1960	$ 4,870	$ 4,977	$ -	$0	$0	$0	$0	$0	$0	$0	$4,977
Scone & Aberdeen	Reticulation	82 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 4,072	$ 4,162	$ -	$0	$0	$0	$0	$0	$0	$0	$4,162
Scone & Aberdeen	Reticulation	80 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 4,870	$ 4,977	$ -	$0	$0	$0	$0	$0	$0	$0	$4,977
Scone & Aberdeen	Reticulation	81 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 26,193	$ 26,770	$ -	$0	$0	$0	$0	$0	$0	$0	$26,770
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 35,775	$ 36,562	$ -	$0	$0	$0	$0	$0	$0	$0	$36,562
Scone & Aberdeen	Reticulation	81 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 6,415	$ 6,557	$ -	$0	$0	$0	$0	$0	$0	$0	$6,557
Scone & Aberdeen	Reticulation	60 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 56,143	$ 57,378	$ -	$0	$0	$0	$0	$0	$0	$0	$57,378
Scone & Aberdeen	Reticulation	60 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 4,072	$ 4,162	$ -	$0	$0	$0	$0	$0	$0	$0	$4,162
Scone & Aberdeen	Reticulation	62A LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 6,598	$ 6,743	$ -	$0	$0	$0	$0	$0	$0	$0	$6,743
Scone & Aberdeen	Reticulation	61 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 34,736	$ 35,500	$ -	$0	$0	$0	$0	$0	$0	$0	$35,500
Scone & Aberdeen	Reticulation	84 ABERDEEN ST	100	1/01/1960 00:00:00	1960	$ 37,611	$ 38,439	$ -	$0	$0	$0	$0	$0	$0	$0	$38,439
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 17,883	$ 18,277	$ -	$0	$0	$0	$0	$0	$0	$0	$18,277
Scone & Aberdeen	Reticulation	85 ABERDEEN ST	100	1/01/1960 00:00:00	1960	$ 1,047	$ 1,070	$ -	$0	$0	$0	$0	$0	$0	$0	$1,070
Scone & Aberdeen	Reticulation	42 KINGDON ST	100	1/01/1960 00:00:00	1960	$ 3,174	$ 3,244	$ -	$0	$0	$0	$0	$0	$0	$0	$3,244
Scone & Aberdeen	Reticulation	42 KINGDON ST	100	1/01/1960 00:00:00	1960	$ 37,645	$ 38,473	$ -	$0	$0	$0	$0	$0	$0	$0	$38,473
Scone & Aberdeen	Reticulation	42 KINGDON ST (duplicate of 2845/2860)	100	1/01/1960 00:00:00	1960	$ 38,243	$ 39,084	$ -	$0	$0	$0	$0	$0	$0	$0	$39,084
Scone & Aberdeen	Reticulation	48 KINGDON ST	100	1/01/1960 00:00:00	1960	$ 16,338	$ 16,697	$ -	$0	$0	$0	$0	$0	$0	$0	$16,697
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 20,692	$ 21,147	$ -	$0	$0	$0	$0	$0	$0	$0	$21,147
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 20,692	$ 21,147	$ -	$0	$0	$0	$0	$0	$0	$0	$21,147
Scone & Aberdeen	Reticulation	White Park	100	1/01/1932 00:00:00	1932	$ 50,525	$ 51,637	$ -	$0	$0	$0	$0	$0	$0	$0	$51,637
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 8,587	$ 8,776	$ -	$0	$0	$0	$0	$0	$0	$0	$8,776
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 8,654	$ 8,844	$ -	$0	$0	$0	$0	$0	$0	$0	$8,844
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 9,163	$ 9,365	$ -	$0	$0	$0	$0	$0	$0	$0	$9,365
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 2,618	$ 2,675	$ -	$0	$0	$0	$0	$0	$0	$0	$2,675
Scone & Aberdeen	Reticulation	78 GURNSEY ST	100	1/01/1960 00:00:00	1960	$ 4,670	$ 4,773	$ -	$0	$0	$0	$0	$0	$0	$0	$4,773
Scone & Aberdeen	Reticulation	41 KINGDON ST	100	1/01/1960 00:00:00	1960	$ 2,842	$ 2,905	$ -	$0	$0	$0	$0	$0	$0	$0	$2,905
Scone & Aberdeen	Reticulation	42 KINGDON ST	100	1/01/1960 00:00:00	1960	$ 37,778	$ 38,609	$ -	$0	$0	$0	$0	$0	$0	$0	$38,609
Scone & Aberdeen	Reticulation	51 WINGEN ST	100	1/01/1960 00:00:00	1960	$ 30,448	$ 31,118	$ -	$0	$0	$0	$0	$0	$0	$0	$31,118
Scone & Aberdeen	Reticulation	59 WINGEN ST	100	1/01/1960 00:00:00	1960	$ 2,094	$ 2,140	$ -	$0	$0	$0	$0	$0	$0	$0	$2,140
Scone & Aberdeen	Reticulation	51 WINGEN ST	100	1/01/1960 00:00:00	1960	$ 47,716	$ 48,766	$ -	$0	$0	$0	$0	$0	$0	$0	$48,766
Scone & Aberdeen	Reticulation	WINGEN ST	100	1/01/1960 00:00:00	1960	$ 15,041	$ 15,372	$ -	$0	$0	$0	$0	$0	$0	$0	$15,372
Scone & Aberdeen	Reticulation	28 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 3,208	$ 3,278	$ -	$0	$0	$0	$0	$0	$0	$0	$3,278
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 277	$ 283	$ -	$0	$0	$0	$0	$0	$0	$0	$283
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 2,188	$ 2,236	$ -	$0	$0	$0	$0	$0	$0	$0	$2,236
Scone & Aberdeen	Reticulation		100	1/01/1987 00:00:00	1987	$ 3,324	$ 3,397	$ -	$0	$0	$0	$0	$0	$0	$0	$3,397
Scone & Aberdeen	Reticulation	51 WINGEN ST	100	1/01/1960 00:00:00	1960	$ 1,562	$ 1,597	$ -	$0	$0	$0	$0	$0	$0	$0	$1,597
Scone & Aberdeen	Reticulation		100	1/01/1970 00:00:00	1970	$ 2,770	$ 2,831	$ -	$0	$0	$0	$0	$0	$0	$0	$2,831
Scone & Aberdeen	Reticulation	28 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 27,157	$ 27,755	$ -	$0	$0	$0	$0	$0	$0	$0	$27,755
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 52,045	$ 53,190	$ 53,190	$0	$0	$0	$0	$0	$0	$0	$53,190
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 279	$ 285	$ 285	$0	$0	$0	$0	$0	$0	$0	$285
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 43,489	$ 44,446	$ -	$0	$0	$0	$0	$0	$0	$0	$44,446
Scone & Aberdeen	Reticulation		100	1/01/1991 00:00:00	1991	$ 7,978	$ 8,153	$ -	$0	$0	$0	$0	$0	$0	$0	$8,153

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

														Scone& Aberdeen, Murrurundi and Middlebrook	Scone& Aberdeen and Middlebrook	
Service Area	Asset Type	Asset Description	Pipe dia (mm)	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone & Aberdeen	Merriwa	Cassilis	Murrurundi	Shared 1	Shared 2	Assets Excluded
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 10,615	$ 10,848	$ -	$0	$0	$0	$0	$0	$0	$0	$10,848
Scone & Aberdeen	Trunk Mains		150	1/01/1984 00:00:00	1984	$ 29,916	$ 30,574	$ 30,574	$0	$0	$0	$0	$0	$0	$0	$30,574
Scone & Aberdeen	Trunk Mains		200	1/01/1932 00:00:00	1932	$ 32,860	$ 33,583	$ 33,583	$0	$0	$0	$0	$0	$0	$0	$33,583
Scone & Aberdeen	Reticulation	18 MUFFET ST	100	1/01/1960 00:00:00	1960	$ 4,421	$ 4,518	$ -	$0	$0	$0	$0	$0	$0	$0	$4,518
Scone & Aberdeen	Reticulation	8 LIVERPOOL ST	100	1/01/1960 00:00:00	1960	$ 37,412	$ 38,235	$ -	$0	$0	$0	$0	$0	$0	$0	$38,235
Scone & Aberdeen	Trunk Mains	2 LIVERPOOL ST	150	1/01/1980 00:00:00	1980	$ 25,794	$ 26,362	$ 26,362	$0	$0	$0	$0	$0	$0	$0	$26,362
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 1,053	$ 1,076	$ -	$0	$0	$0	$0	$0	$0	$0	$1,076
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 1,039	$ 1,062	$ -	$0	$0	$0	$0	$0	$0	$0	$1,062
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 8,892	$ 9,087	$ -	$0	$0	$0	$0	$0	$0	$0	$9,087
Scone & Aberdeen	Reticulation		100	1/01/1951 00:00:00	1951	$ 16,454	$ 16,816	$ -	$0	$0	$0	$0	$0	$0	$0	$16,816
Scone & Aberdeen	Reticulation		100	1/01/1932 00:00:00	1932	$ 22,121	$ 22,608	$ -	$0	$0	$0	$0	$0	$0	$0	$22,608
Scone & Aberdeen	Reticulation	1 SATUR RD	100	1/01/1960 00:00:00	1960	$ 43,129	$ 44,078	$ -	$0	$0	$0	$0	$0	$0	$0	$44,078
Scone & Aberdeen	Reticulation		100	1/01/1951 00:00:00	1951	$ 2,327	$ 2,378	$ -	$0	$0	$0	$0	$0	$0	$0	$2,378
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,385	$ 1,415	$ -	$0	$0	$0	$0	$0	$0	$0	$1,415
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 10,997	$ 11,239	$ -	$0	$0	$0	$0	$0	$0	$0	$11,239
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 17,811	$ 18,203	$ -	$0	$0	$0	$0	$0	$0	$0	$18,203
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 9,141	$ 9,342	$ -	$0	$0	$0	$0	$0	$0	$0	$9,342
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 51,384	$ 52,514	$ -	$0	$0	$0	$0	$0	$0	$0	$52,514
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 36,564	$ 37,369	$ -	$0	$0	$0	$0	$0	$0	$0	$37,369
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 2,271	$ 2,321	$ -	$0	$0	$0	$0	$0	$0	$0	$2,321
Scone & Aberdeen	Reticulation		110	1/01/1978 00:00:00	1978	$ 47,644	$ 48,693	$ -	$0	$0	$0	$0	$0	$0	$0	$48,693
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 43,268	$ 44,220	$ -	$0	$0	$0	$0	$0	$0	$0	$44,220
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 5,125	$ 5,237	$ -	$0	$0	$0	$0	$0	$0	$0	$5,237
Scone & Aberdeen	Reticulation		25	1/01/1968 00:00:00	1968	$ 1,190	$ 1,216	$ -	$0	$0	$0	$0	$0	$0	$0	$1,216
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 11,623	$ 11,879	$ -	$0	$0	$0	$0	$0	$0	$0	$11,879
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 28,310	$ 28,932	$ -	$0	$0	$0	$0	$0	$0	$0	$28,932
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 9,557	$ 9,767	$ -	$0	$0	$0	$0	$0	$0	$0	$9,767
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 37,395	$ 38,218	$ -	$0	$0	$0	$0	$0	$0	$0	$38,218
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 22,105	$ 22,591	$ -	$0	$0	$0	$0	$0	$0	$0	$22,591
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 17,174	$ 17,552	$ -	$0	$0	$0	$0	$0	$0	$0	$17,552
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 1,745	$ 1,784	$ -	$0	$0	$0	$0	$0	$0	$0	$1,784
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 17,728	$ 18,118	$ -	$0	$0	$0	$0	$0	$0	$0	$18,118
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 7,728	$ 7,898	$ -	$0	$0	$0	$0	$0	$0	$0	$7,898
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 20,166	$ 20,609	$ -	$0	$0	$0	$0	$0	$0	$0	$20,609
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 6,371	$ 6,511	$ -	$0	$0	$0	$0	$0	$0	$0	$6,511
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 17,091	$ 17,467	$ -	$0	$0	$0	$0	$0	$0	$0	$17,467
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 2,465	$ 2,520	$ -	$0	$0	$0	$0	$0	$0	$0	$2,520
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 10,471	$ 10,701	$ -	$0	$0	$0	$0	$0	$0	$0	$10,701
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 17,922	$ 18,316	$ -	$0	$0	$0	$0	$0	$0	$0	$18,316
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 22,797	$ 23,299	$ -	$0	$0	$0	$0	$0	$0	$0	$23,299
Scone & Aberdeen	Reticulation	37 NYARRA ST	100	1/01/1960 00:00:00	1960	$ 2,659	$ 2,718	$ -	$0	$0	$0	$0	$0	$0	$0	$2,718
Scone & Aberdeen	Reticulation	49 NYARRA ST	100	1/01/1960 00:00:00	1960	$ 11,368	$ 11,618	$ -	$0	$0	$0	$0	$0	$0	$0	$11,618
Scone & Aberdeen	Reticulation		100	1/01/1984 00:00:00	1984	$ 609	$ 623	$ -	$0	$0	$0	$0	$0	$0	$0	$623
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 22,382	$ 22,874	$ -	$0	$0	$0	$0	$0	$0	$0	$22,874
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 748	$ 764	$ -	$0	$0	$0	$0	$0	$0	$0	$764
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 9,557	$ 9,767	$ -	$0	$0	$0	$0	$0	$0	$0	$9,767
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 46,968	$ 48,002	$ -	$0	$0	$0	$0	$0	$0	$0	$48,002
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 29,916	$ 30,574	$ -	$0	$0	$0	$0	$0	$0	$0	$30,574
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 2,493	$ 2,548	$ -	$0	$0	$0	$0	$0	$0	$0	$2,548
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 6,925	$ 7,077	$ -	$0	$0	$0	$0	$0	$0	$0	$7,077
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 2,161	$ 2,208	$ -	$0	$0	$0	$0	$0	$0	$0	$2,208
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 20,110	$ 20,553	$ -	$0	$0	$0	$0	$0	$0	$0	$20,553
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 10,687	$ 10,922	$ -	$0	$0	$0	$0	$0	$0	$0	$10,922
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 36,537	$ 37,340	$ -	$0	$0	$0	$0	$0	$0	$0	$37,340
Scone & Aberdeen	Reticulation		100	1/01/1982 00:00:00	1982	$ 24,376	$ 24,912	$ -	$0	$0	$0	$0	$0	$0	$0	$24,912
Scone & Aberdeen	Reticulation		100	1/01/1990 00:00:00	1990	$ 37,096	$ 37,912	$ -	$0	$0	$0	$0	$0	$0	$0	$37,912
Scone & Aberdeen	Reticulation	Seward Ave	100	1/01/1978 00:00:00	1978	$ 1,884	$ 1,925	$ -	$0	$0	$0	$0	$0	$0	$0	$1,925
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 9,058	$ 9,257	$ -	$0	$0	$0	$0	$0	$0	$0	$9,257
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 3,186	$ 3,256	$ -	$0	$0	$0	$0	$0	$0	$0	$3,256
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 1,745	$ 1,784	$ -	$0	$0	$0	$0	$0	$0	$0	$1,784
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 11,496	$ 11,748	$ -	$0	$0	$0	$0	$0	$0	$0	$11,748
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,745	$ 1,784	$ -	$0	$0	$0	$0	$0	$0	$0	$1,784
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 20,914	$ 21,374	$ -	$0	$0	$0	$0	$0	$0	$0	$21,374
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 20,919	$ 21,379	$ -	$0	$0	$0	$0	$0	$0	$0	$21,379
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 9,695	$ 9,908	$ -	$0	$0	$0	$0	$0	$0	$0	$9,908
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 1,163	$ 1,189	$ -	$0	$0	$0	$0	$0	$0	$0	$1,189
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 1,163	$ 1,189	$ -	$0	$0	$0	$0	$0	$0	$0	$1,189
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 10,548	$ 10,780	$ -	$0	$0	$0	$0	$0	$0	$0	$10,780
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 8,449	$ 8,634	$ -	$0	$0	$0	$0	$0	$0	$0	$8,634
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 1,330	$ 1,359	$ -	$0	$0	$0	$0	$0	$0	$0	$1,359
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 1,773	$ 1,812	$ -	$0	$0	$0	$0	$0	$0	$0	$1,812
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 2,715	$ 2,774	$ -	$0	$0	$0	$0	$0	$0	$0	$2,774
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 2,715	$ 2,774	$ -	$0	$0	$0	$0	$0	$0	$0	$2,774
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 14,958	$ 15,287	$ -	$0	$0	$0	$0	$0	$0	$0	$15,287

Table 1: Upper Hunter Shire Council Existing Water Supply Assets

														Scone& Aberdeen, Murrurundi and Middlebrook	Scone& Aberdeen and Middlebrook	
Service Area	**Asset Type**	**Asset Description**	**Pipe dia (mm)**	**Date of Commissioned**	**Year of Commissioning**	**Current Replacement Cost 2015 $**	**Current Replacement Cost 2015/16 $**	**Assets excluding reticulation**	**Assets excluding pre 1985**	**Scone & Aberdeen**	**Merriwa**	**Cassilis**	**Murrurundi**	**Shared 1**	**Shared 2**	**Assets Excluded**
Scone & Aberdeen	Reticulation		50	1/01/1978 00:00:00	1978	$ 2,161	$ 2,208	$ -	$0	$0	$0	$0	$0	$0	$0	$2,208
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 3,878	$ 3,963	$ -	$0	$0	$0	$0	$0	$0	$0	$3,963
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 2,216	$ 2,265	$ -	$0	$0	$0	$0	$0	$0	$0	$2,265
Scone & Aberdeen	Reticulation		100	1/01/1978 00:00:00	1978	$ 20,914	$ 21,374	$ -	$0	$0	$0	$0	$0	$0	$0	$21,374
Scone & Aberdeen	Reticulation		100	1/01/1968 00:00:00	1968	$ 8,288	$ 8,470	$ -	$0	$0	$0	$0	$0	$0	$0	$8,470
Scone & Aberdeen	Water Valn record Pipes	Susan St Main(Aberdeen - Guernsey)		30/06/2013 00:00:00	2013	$ 143,391	$ 146,546	$ 146,546	$146,546	$146,546	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	"W/O 1212. Scn - New St Main (Birrell-New-Park)"		30/06/2013 00:00:00	2013	$ 89,700	$ 91,673	$ 91,673	$91,673	$91,673	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4041. Oxford Rd, Scn(Susan to Short)		30/06/2013 00:00:00	2013	$ 158,979	$ 162,476	$ 162,476	$162,476	$162,476	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4212. Scn - Carlyle St Main		30/06/2013 00:00:00	2013	$ 76,644	$ 78,330	$ 78,330	$78,330	$78,330	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4218. Scn - Kingdon St (Guernsey to Aberdeen)		30/06/2013 00:00:00	2013	$ 91,266	$ 93,274	$ 93,274	$93,274	$93,274	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4262. Water Valve replacements Scone		30/06/2013 00:00:00	2013	$ 12,632	$ 12,910	$ 12,910	$12,910	$12,910	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4276. Scn-Mains Replacement Guernsey St		30/06/2013 00:00:00	2013	$ 17,706	$ 18,095	$ 18,095	$18,095	$18,095	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	"W/O 4285. Scn - Waverly St Main"		30/06/2013 00:00:00	2013	$ 117,350	$ 119,932	$ 119,932	$119,932	$119,932	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4408. Scn-Scott St (Liverpool to Short)		30/06/2013 00:00:00	2013	$ 51,646	$ 52,782	$ 52,782	$52,782	$52,782	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4412. Kurrajong Estate		30/06/2013 00:00:00	2013	$ 135,958	$ 138,949	$ 138,949	$138,949	$138,949	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4413. Figtree Estate		30/06/2013 00:00:00	2013	$ 125,492	$ 128,253	$ 128,253	$128,253	$128,253	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4414. Industrial Estate		30/06/2013 00:00:00	2013	$ 167,463	$ 171,148	$ 171,148	$171,148	$171,148	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Bhima Dr	100	1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Bhima Dr	100	1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Widden Cl	100	1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Widden Cl	100	1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Widden Cl	100	1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Redbank Dr - Alabama Dr		1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Alabama Dr		1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Alabama Dr - Redbank Dr		1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Alabama Dr		1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Bhima Dr		1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Bhima Dr		1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Clifflands Rd		1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Clifflands Rd		1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Reticulation	Allan Cunningham Dr		1/01/2007 00:00:00	2007	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 1212. Scn - New St Main (Birrell-New-Park)		30/06/2014 00:00:00	2014	$ 194,069	$ 198,339	$ 198,339	$198,339	$198,339	$0	$0	$0	$0	$0	$0
Shared 2	Water Valn record Pipes	W/O 4039. St Aubins St, Scn - Major Mains		30/06/2014 00:00:00	2014	$ 332,947	$ 340,272	$ 340,272	$340,272	$0	$0	$0	$0	$0	$340,272	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4041. Oxford Rd, Scn(Susan to Short)		30/06/2014 00:00:00	2014	$ 42,067	$ 42,992	$ 42,992	$42,992	$42,992	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4540. Scn - Gould St Link dead ends		30/06/2014 00:00:00	2014	$ 13,330	$ 13,623	$ 13,623	$13,623	$13,623	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 1213. Scn - Susan & Main Sts Intersection Main		30/06/2015 00:00:00	2015	$ 131,361	$ 134,251	$ 134,251	$134,251	$134,251	$0	$0	$0	$0	$0	$0
Shared 2	Water Valn record Pipes	W/O 4039. Scn - St Aubins Street, Major Mains		30/06/2015 00:00:00	2015	$ 61,245	$ 62,592	$ 62,592	$62,592	$0	$0	$0	$0	$0	$62,592	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4210. Scn - Davies St Main		30/06/2015 00:00:00	2015	$ 35,579	$ 36,362	$ 36,362	$36,362	$36,362	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4216. Scn - Scott St Main (Cooper to Liverpool)		30/06/2015 00:00:00	2015	$ 173,625	$ 177,445	$ 177,445	$177,445	$177,445	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4291. Scn - Minor Main & Service Replacements		30/06/2015 00:00:00	2015	$ 30,225	$ 30,890	$ 30,890	$30,890	$30,890	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4565. Scn - Water valve replacement		30/06/2015 00:00:00	2015	$ 13,259	$ 13,551	$ 13,551	$13,551	$13,551	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4703. Scn - Depot standpipe upgrade		30/06/2015 00:00:00	2015	$ 7,104	$ 7,260	$ 7,260	$7,260	$7,260	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	W/O 4710. Scn - Aerodrome water connection		30/06/2015 00:00:00	2015	$ 9,300	$ 9,505	$ 9,505	$9,505	$9,505	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	Somerset Place Subdivision		30/06/2015 00:00:00	2015	$ 221,346	$ 226,215	$ 226,215	$226,215	$226,215	$0	$0	$0	$0	$0	$0
Scone & Aberdeen	Water Valn record Pipes	Gundy Road Subdivision		30/06/2015 00:00:00	2015	$ 389,023	$ 397,581	$ 397,581	$397,581	$397,581	$0	$0	$0	$0	$0	$0
Shared 2	Water Valn record Pipes	St Aubins St Underbore		30/06/2015 00:00:00	2015	$ 550,655	$ 562,769	$ 562,769	$562,769	$0	$0	$0	$0	$0	$562,769	$0
						$ 70,946,444	**$ 72,507,265**	**$ 55,718,314**	**$ 37,999,127**	**$ 14,989,818**	**$ 1,591,171**	**$ -**	**$ 3,295,128**	**$ 14,189,186**	**$ 3,933,826**	**$ 34,508,138**

30 years Capital Works Program

Table 2: Upper Hunter Shire Council Water Supply Capital Works Program

All values are in year 2015/16 ($)

Project	New Works	Renewals	Project Total	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
Scone & Aberdeen													
Scn - St Aubins St (Aberdeen to Moore St) -Covered by RMS Bypass	50%	50%	**0**										
Abn - Moray St (Segenhoe St to Abercairney Tce)		100%	**83,000**					83000					
Scn - Guernsey St (St Aubins St to Mount St)		100%	**155,000**				155000						
Scn - Main St (Susan St to Philip St)		100%	**95,000**							95000			
Abn - McQueen St (Gordon to St Heliers St)		100%	**140,000**		140000								
Scn - Philip St (Muffett to Waverly St)		100%	**180,000**							180000			
Abn - St Andrews St (Campbell St to McCloud St)		100%	**100,000**					100000					
Scn - Barton St (Resi site to Barton St)	50%	50%	**482,200**						482200				
Scn - Sydney St (Main St to Waverly St)		100%	**192,000**		192000								
Scn - Hill St (St Aubins St to Susan St)		100%	**87,000**							87000			
Scn - Waverly St (Birrell St to Susan St)		100%	**60,000**					60000					
Abn - Kyuga St (Moray St to Graham St)		100%	**95,000**					95000					
Sc St Aubins Street major mains		100%	**625,000**		275000		350000						
Scn - St Aubins St (Kelly St Underbore)	50%	50%	**350,000**					350000					
Scn - Birrell St (Waverly to Stafford)		100%	**106,000**							106000			
Scn - Barton St (Susan to Birrell)		100%	**108,000**								108000		
Scn - Kelly & Liverpool St (Post office)		100%	**50,000**				50000						
Scn - Park & Gundy Rd Int.		100%	**61,820**		61820								
Scn - Park St (Kingdon to Gundy)		100%	**200,000**			200000							
Scn - Susan (waverly to Barton)		100%	**250,000**										250000
Abn - Kyuga St Main (Bedford to Moray)		100%	**132,000**								132000		
Scn-Kelly Street main Replacements		100%	**0**										
Scn - Class 6 PVC replacement program to be identidied		100%	**400,000**									200000	200000
Scn - Little (Barton to Dangar)		100%	**70,000**										70000
Scn - Dangar St		100%	**60,000**										60000
Scn - Bingle St		100%	**50,000**										50000
Scn - Gundy Rd Main (Barton to Kilgalin)		100%	**182,000**			182000							
Unidentified main replacemnts		100%	**170,000**										170000
Scn/Ab - Infill mains	100%		**0**										
Scone Service Replacement		100%	**243,000**	27000	27000	27000	27000	27000	27000	27000	27000	27000	
Replace water meters Annual allowance		100%	**318,600**	35000	35100	35200	35300	35400	35500	35600	35700	35800	
initial Backlog Expected		100%	**24,000**	12000	12000								
Valve and hydrant replacement		100%	**201,000**	10000	20000	18000	18000	27000	27000	27000	27000	27000	
Pump Station Renewal		100%	**170,000**	25000		75000				35000	35000		
Ab - Lowlift Pump 1 river to wet well		100%	**0**										
Ab - Lowlift Pump 2 river to wet well		100%	**75,000**					75000					
Sc/Ab - Lift pump 1 to Togar		100%	**0**										
Sc/Ab - Lift pump 2 to Togar		100%	**90,000**		90000								
Sc/Ab - Togar P stn Pump 1		100%	**50,000**			50000							
Sc/Ab - Togar P stn Pump 2		100%	**50,000**			50000							
Sc - Hizone Pump 1 (VSD 2016/17)		100%	**62,000**		22000		40000						
Sc - Hizone Pump 2		100%	**40,000**				40000						
Sc - Well pump 3		100%	**27,500**					27500					
Sc - Well Pump 1		100%	**27,500**					27500					
Ab - Highzone Pump 1		100%	**30,000**		30000								
Ab - Highzone Pump 2		100%	**35,000**			35000							
Sc - Well pump 1		100%	**35,000**			35000							
Sc - Well pump 3		100%	**36,000**				36000						
Telemetry upgrades	50%	50%	**30,000**	5000	5000	5000	5000	5000	5000				
Treatment Plant Minor Renewals		100%	**90,000**							30000	30000	30000	
Abn - Repair resi leak		100%	**60,000**		60000								
Sc/Abn - Minor Reservoir repairs		100%	**240,000**	70000				100000			70000		
Abn - Resi No.3 Replace ctn column		100%	**42,000**	42000									
Abn - Reline High Tower		100%	**76,500**	76500									
Scn/Abn - Togar Resi		100%	**60,000**		60000								
Merriwa													
Merriwa AC main replacements		100%	**270,000**	30000	30000	30000.0	30000.0	30000.0	30000.0	30000.0	30000.0	30000.0	
Unidentified main replacemnts		100%	**40,000**										40,000
Main Extensions_Marquet Street (Blaxland to Roach)	100%		**16,900**	16900									
Main Extensions_Gooch St	100%		**31,200**			31200							
Main Extensions_Langly St near Gooch	100%		**10,400**					10400					
Main Extensions_Collins St, near Maher	100%		**13,650**							13650			
Main Extensions_Dutton Street (Cullingral to Mackenzie)	100%		**2,730**									2730	
Service Replacements		100%	**54,000**	6000.0	6000.0	6000.0	6000.0	6000.0	6000.0	6000.0	6000.0	6000.0	
Replace Water Meters		100%	**57,600**	6000.0	6100.0	6200.0	6300.0	6400.0	6500.0	6600.0	6700.0	6800.0	
Valve and hydrant replacement		100%	**54,000**	2500.0	4000	5000	5000	7500	7500	7500	7500	7500	
Merriwa Bore pump replacements and pipe improvements-Mwa Number 1 (Mackenzie St)		100%	**35,000**		35000.0								
Merriwa Bore pump replacements and pipe improvements-Mwa Number 3 (Collins St)		100%	**35,000**									35000.0	
Telemetry upgrades	50%	50%	**15,000**	2500.0	2500.0	2500.0	2500.0	2500.0	2500.0				
Treatment plant minor renewals		100%	**96,000**		12000.0		12000.0		60000.0		12000.0		
SCADA, Chlorine Analyser and low level alarm		100%	**15,000**	15000.0									
Mwa - Minor Reservoir Repairs		100%	**85,000**			40000.0			45000.0				
Cassilis													
Unidentified main replacemnts		100%	**20,000**										20000
Service Replacements		100%	**18,000**	2000	2000	2000	2000	2000	2000	2000	2000	2000	
Replace Water Meters		100%	**17,100**	1500	1600	1700	1800	1900	2000	2100	2200	2300	
Valve and hydrant replacement		100%	**21,000**	0	2000	2000	2000	3000	3000	3000	3000	3000	
Cassilis Bore pump replacements and pipe improvements-Bore1		100%	**30,000**	15000			15000						
Cassilis Bore pump replacements and pipe improvements-Bore2		100%	**15,000**			15000							
Cassilis Bore pump replacements and pipe improvements-Land Purchase	100%		**45,000**										45000
SCADA, Chlorine Analyser and low level alarm	100%		**15,000**	15000									
Casills Bore land purchases	100%		**20,000**			20000							
Cass - Minor Reservoir Repairs		100%	**55,000**			30000			25000				
Murrurundi													
Murrurundi AC main replacements		100%	**270,000**	30000	30000	30000	30000	30000	30000	30000	30000	30000	
Mdi - Mayne St (Brook to Victoria)	50%	50%	**180,000**	180000									
Mdi - Bernard St (Link dead end)	100%		**28,000**	28000									
Mdi - Mount St (link dead end)	100%		**32,700**	32700									
Unidentified main replacemnts	100%		**30,000**										30000
Infill mains_Mount Street 150mm (Sunshine St to Railway)	100%		**29,750**				29750						
Infill mains_Bernard Street 100mm (Mayne to George)	100%		**26,000**		26000								
Service Replacements		100%	**45,000**	5000	5000	5000	5000	5000	5000	5000	5000	5000	
Replace Water Meters		100%	**48,600**	5000	5100	5200	5300	5400	5500	5600	5700	5800	
Valve and hydrant replacement		100%	**54,000**	2500	4000	5000	5000	7500	7500	7500	7500	7500	
Telemetry upgrades	50%	50%	**15,000**	2500	2500	2500	2500	2500	2500				
Murrurundi Water Supply Augmentation	100%		**9,623,864**	200000	5733864	3690000							
Mrdi - Augment Concrete reservoirs	50%	50%	**343,270**	25000								318270	
Middlebrook													
New Pump Station and Distribution System	100%		**2,390,000**									1000000	1390000
Shared 1													
Joint WTP Pre-feasibility Study Investigation	100%		**50,000**		50000								
Joint WTP Feasibility Study Investigation	100%		**80,000**			80000							
Joint WTP Land Matters	100%		**50,000**				50000						
Joint WTP Design and Construct	100%		**15,000,000**					6000000	7500000	1500000			
			35,980,884	**925,600**	**6,987,584**	**4,721,500**	**966,450**	**7,132,500**	**8,316,700**	**2,241,550**	**582,300**	**1,781,700**	**2,325,000**
			$ 28,202,929	400,100	5,814,864	3,826,200	84,750	6,190,400	7,746,100	1,513,650	0	1,161,865	1,465,000
			$ 7,777,955	525,500	1,172,720	895,300	881,700	942,100	570,600	727,900	582,300	619,835	860,000
			$ 35,980,884	**$ 925,600**	**$ 6,987,584**	**$4,721,500**	**$ 966,450**	**$ 7,132,500**	**$ 8,316,700**	**$ 2,241,550**	**$582,300**	**$ 1,781,700**	**########**

Table 3: Upper Hunter Shire Council Water Supply Capital Charge Calculations

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	Percentage of capital works utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)
Scone & Aberdeen						14.8%				
Existing										
Assets commissioned in	1985	1996	$175,840				$25,993.02	3%	1.00	$25,993
Assets commissioned in	1986	1996	$96,289				$14,234	3%	1.00	$14,234
Assets commissioned in	1987	1996	$0				$0	3%	1.00	$0
Assets commissioned in	1988	1996	$39,305				$5,810	3%	1.00	$5,810
Assets commissioned in	1989	1996	$79,459				$11,746	3%	1.00	$11,746
Assets commissioned in	1990	1996	$1,087,433				$160,746	3%	1.00	$160,746
Assets commissioned in	1991	1996	$0				$0	3%	1.00	$0
Assets commissioned in	1992	1996	$0				$0	3%	1.00	$0
Assets commissioned in	1993	1996	$0				$0	3%	1.00	$0
Assets commissioned in	1994	1996	$11,006				$1,627	3%	1.00	$1,627
Assets commissioned in	1995	1996	$770,082				$113,835	3%	1.00	$113,835
Subtotal (Assets pre-1996)			$ 2,259,415				$ 333,991			**$ 333,991**
Assets commissioned in	1996	1996	$0				$0	5%	1.00	$0
Assets commissioned in	1997	1997	$0				$0	5%	0.95	$0
Assets commissioned in	1998	1998	$1,178,707				$174,238.55	5%	0.91	$158,039
Assets commissioned in	1999	1999	$0				$0	5%	0.86	$0
Assets commissioned in	2000	2000	$1,417,761				$209,576	5%	0.82	$172,419
Assets commissioned in	2001	2001	$0				$0	5%	0.78	$0
Assets commissioned in	2002	2002	$0				$0	5%	0.75	$0
Assets commissioned in	2003	2003	$0				$0	5%	0.71	$0
Assets commissioned in	2004	2004	$0				$0	5%	0.68	$0
Assets commissioned in	2005	2005	$0				$0	5%	0.64	$0
Assets commissioned in	2006	2006	$0				$0	5%	0.61	$0
Assets commissioned in	2007	2007	$85,126				$12,583	5%	0.58	$7,357
Assets commissioned in	2008	2008	$0				$0	5%	0.56	$0
Assets commissioned in	2009	2009	$0				$0	5%	0.53	$0
Assets commissioned in	2010	2010	$21,095				$3,118	5%	0.51	$1,575
Assets commissioned in	2011	2011	$1,654,667				$244,596	5%	0.48	$117,655
Assets commissioned in	2012	2012	$0				$0	5%	0.46	$0
Assets commissioned in	2013	2013	$6,097,099				$901,283.98	5%	0.44	$393,227
Assets commissioned in	2014	2014	$937,406				$138,569.04	5%	0.42	$57,578
Assets commissioned in	2015	2015	$1,338,543				$197,865.72	5%	0.40	$78,302
			$ 12,730,403				$ 1,881,831			
Future										
Assets planned in 2015/16	2016	2016		$300,000	$2,500		$44,716	5%	0.38	$16,853
Assets planned in 2016/17	2017	2017		$1,027,420	$2,500		$152,245	5%	0.36	$54,647
Assets planned in 2017/18	2018	2018		$709,700	$2,500		$105,279	5%	0.34	$35,989
Assets planned in 2018/19	2019	2019		$753,800	$2,500		$111,798	5%	0.33	$36,398
Assets planned in 2019/20	2020	2020		$834,900	$177,500		$149,655	5%	0.31	$46,403
Assets planned in 2020/21	2021	2021		$333,100	$243,600		$85,249	5%	0.30	$25,174
Assets planned in 2021/22	2022	2022		$622,600	$0		$92,034	5%	0.28	$25,884
Assets planned in 2022/23	2023	2023		$464,700	$0		$68,693	5%	0.27	$18,399
Assets planned in 2023/24	2024	2024		$319,800	$0		$47,273	5%	0.26	$12,059
Assets planned in 2024/25	2025	2025		$800,000	$0		$118,257	5%	0.24	$28,730
Assets planned in 2025/26	2026	2026		$0	$0		$0	5%	0.23	$0
Assets planned in 2026/27	2027	2027		$0	$0		$0	5%	0.22	$0
Assets planned in 2027/28	2028	2028		$0	$0		$0	5%	0.21	$0
Assets planned in 2028/29	2029	2029		$0	$0		$0	5%	0.20	$0
Assets planned in 2029/30	2030	2030		$0	$0		$0	5%	0.19	$0
Assets planned in 2030/31	2031	2031		$0	$0		$0	5%	0.18	$0
Assets planned in 2031/32	2032	2032		$0	$0		$0	5%	0.17	$0
Assets planned in 2032/33	2033	2033		$0	$0		$0	5%	0.16	$0
Assets planned in 2033/34	2034	2034		$0	$0		$0	5%	0.16	$0
Assets planned in 2034/35	2035	2035		$0	$0		$0	5%	0.15	$0
Assets planned in 2035/36	2036	2036		$0	$0		$0	5%	0.14	$0
Assets planned in 2036/37	2037	2037		$0	$0		$0	5%	0.14	$0
Assets planned in 2037/38	2038	2038		$0	$0		$0	5%	0.13	$0
Assets planned in 2038/39	2039	2039		$0	$0		$0	5%	0.12	$0
Assets planned in 2039/40	2040	2040		$0	$0		$0	5%	0.12	$0
Assets planned in 2040/41	2041	2041		$0	$0		$0	5%	0.11	$0
Assets planned in 2041/42	2042	2042		$0	$0		$0	5%	0.11	$0
Assets planned in 2042/43	2043	2043		$0	$0		$0	5%	0.10	$0
Assets planned in 2043/44	2044	2044		$0	$0		$0	5%	0.10	$0
Assets planned in 2044/45	2045	2045		$0	$0		$0	5%	0.09	$0
				$ 6,166,020	$ 431,100		$ 975,198			
Subtotal (Assets post-1996)										**$ 1,286,690**

	Total ET	New ETs per	PV of new ETs	PV of new ETs	Capital Ch per ET
	Growth rate 0.32%				
	5396				
	5413	17	17	17	
$ 333,991					$ 684
	5430	17	17	17	
	5448	17	17	17	
	5465	17	16	16	
	5483	18	16	15	
	5500	18	16	14	
	5518	18	15	14	
	5536	18	15	13	
	5553	18	14	13	
	5571	18	14	12	
	5589	18	14	12	
	5607	18	13	11	
	5625	18	13	11	
	5643	18	13	10	
	5661	18	12	10	
	5679	18	12	9	
	5698	18	12	9	
	5716	18	11	8	
	5734	18	11	8	
	5753	18	11	8	
	5771	18	11	7	
$ 986,153					
	5790	19	10	7	
	5808	19	10	7	
	5827	19	10	6	
	5845	19	9	6	
	5864	19	9	6	
	5883	19	9	6	
	5902	19	9	5	
	5921	19	9	5	
	5940	19	8	5	
	5959	19	8	5	
	5978	19	8	4	
	5997	19	8	4	
	6016	19	7	4	
	6035	19	7	4	
	6055	19	7	4	
	6074	19	7	4	
	6093	19	7	3	
	6113	19	7	3	
	6132	20	6	3	
	6152	20	6	3	
	6172	20	6	3	
	6191	20	6	3	
	6211	20	6	3	
	6231	20	6	2	
	6251	20	5	2	
	6271	20	5	2	
	6291	20	5	2	
	6311	20	5	2	
	6332	20	5	2	
	6352	20	5	2	
		581			
		939	489	350	$ 3,680
$ 300,537	TOTAL CAPITAL CHARGE PER ET				$4,363
	CAPITAL CHARGE PER ET (including shared 1 and 2)				$9,843

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Table 3: Upper Hunter Shire Council Water Supply Capital Charge Calculations

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	Percentage of capital works utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)		Total ET	New ETs per year	PV of new ETs (@3%)	PV of new ETs (@5%)	Capital Charge per ET (2015/16$)
												Growth rate				
Merriwa						20.1%						0.45%				
Existing																
Assets commissioned in	1985	1996	$57,078				$11,496	3%	1.00	$11,496						
Assets commissioned in	1986	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1987	1996	$134,443				$27,077	3%	1.00	$27,077						
Assets commissioned in	1988	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1989	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1990	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1991	1996	$102,254				$20,594	3%	1.00	$20,594						
Assets commissioned in	1992	1996	$0				$0.00	3%	1.00	$0						
Assets commissioned in	1993	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1994	1996	$34,683				$6,985	3%	1.00	$6,985		873				
Assets commissioned in	1995	1996	$0				$0	3%	1.00	$0		877	4	4	4	
Subtotal (Assets pre-1996)			$ 328,458				$ 66,153			**$ 66,153**	$ 66,153					$ 579
Assets commissioned in	1996	1996	$0				$0	5%	1.00	$0		881	4	4	4	
Assets commissioned in	1997	1997	$0				$0	5%	0.95	$0		885	4	4	4	
Assets commissioned in	1998	1998	$0				$0	5%	0.91	$0		889	4	4	4	
Assets commissioned in	1999	1999	$0				$0	5%	0.86	$0		893	4	4	3	
Assets commissioned in	2000	2000	$0				$0	5%	0.82	$0		897	4	4	3	
Assets commissioned in	2001	2001	$0				$0	5%	0.78	$0		901	4	3	3	
Assets commissioned in	2002	2002	$0				$0	5%	0.75	$0		905	4	3	3	
Assets commissioned in	2003	2003	$0				$0	5%	0.71	$0		909	4	3	3	
Assets commissioned in	2004	2004	$0				$0	5%	0.68	$0		914	4	3	3	
Assets commissioned in	2005	2005	$0				$0	5%	0.64	$0		918	4	3	3	
Assets commissioned in	2006	2006	$35,444				$7,138	5%	0.61	$4,382		922	4	3	3	
Assets commissioned in	2007	2007	$0				$0	5%	0.58	$0		926	4	3	2	
Assets commissioned in	2008	2008	$0				$0	5%	0.56	$0		930	4	3	2	
Assets commissioned in	2009	2009	$1,165,962				$234,830	5%	0.53	$124,535		934	4	3	2	
Assets commissioned in	2010	2010	$0				$0	5%	0.51	$0		939	4	3	2	
Assets commissioned in	2011	2011	$0				$0	5%	0.48	$0		943	4	3	2	
Assets commissioned in	2012	2012	$0				$0	5%	0.46	$0		947	4	3	2	
Assets commissioned in	2013	2013	$15,663				$0	5%	0.44	$0		951	4	3	2	
Assets commissioned in	2014	2014	$22,749				$0	5%	0.42	$0		956	4	3	2	
Assets commissioned in	2015	2015	$22,895				$0	5%	0.40	$0		960	4	2	2	
			$ 1,262,712				$ 241,968				$ 128,918					
Future																
Assets planned in 2015/16	2016	2016		$60,750	$18,150		$15,891	5%	0.38	$5,989		964	4	2	2	
Assets planned in 2016/17	2017	2017		$94,350	$1,250		$19,254	5%	0.36	$6,911		969	4	2	2	
Assets planned in 2017/18	2018	2018		$88,450	$32,450		$24,350	5%	0.34	$8,324		973	4	2	1	
Assets planned in 2018/19	2019	2019		$60,550	$1,250		$12,447	5%	0.33	$4,052		977	4	2	1	
Assets planned in 2019/20	2020	2020		$51,150	$11,650		$12,648	5%	0.31	$3,922		982	4	2	1	
Assets planned in 2020/21	2021	2021		$156,250	$1,250		$31,721	5%	0.30	$9,367		986	4	2	1	
Assets planned in 2021/22	2022	2022		$50,100	$13,650		$12,840	5%	0.28	$3,611		991	4	2	1	
Assets planned in 2022/23	2023	2023		$62,200	$0		$12,527	5%	0.27	$3,355		995	4	2	1	
Assets planned in 2023/24	2024	2024		$85,300	$2,730		$17,730	5%	0.26	$4,523		1000	4	2	1	
Assets planned in 2024/25	2025	2025		$40,000	$0		$8,056	5%	0.24	$1,957		1004	4	2	1	
Assets planned in 2025/26	2026	2026		$0	$0		$0	5%	0.23	$0		1009	5	2	1	
Assets planned in 2026/27	2027	2027		$0	$0		$0	5%	0.22	$0		1013	5	2	1	
Assets planned in 2027/28	2028	2028		$0	$0		$0	5%	0.21	$0		1018	5	2	1	
Assets planned in 2028/29	2029	2029		$0	$0		$0	5%	0.20	$0		1022	5	2	1	
Assets planned in 2029/30	2030	2030		$0	$0		$0	5%	0.19	$0		1027	5	2	1	
Assets planned in 2030/31	2031	2031		$0	$0		$0	5%	0.18	$0		1031	5	2	1	
Assets planned in 2031/32	2032	2032		$0	$0		$0	5%	0.17	$0		1036	5	2	1	
Assets planned in 2032/33	2033	2033		$0	$0		$0	5%	0.16	$0		1041	5	2	1	
Assets planned in 2033/34	2034	2034		$0	$0		$0	5%	0.16	$0		1045	5	2	1	
Assets planned in 2034/35	2035	2035		$0	$0		$0	5%	0.15	$0		1050	5	1	1	
Assets planned in 2035/36	2036	2036		$0	$0		$0	5%	0.14	$0		1055	5	1	1	
Assets planned in 2036/37	2037	2037		$0	$0		$0	5%	0.14	$0		1060	5	1	1	
Assets planned in 2037/38	2038	2038		$0	$0		$0	5%	0.13	$0		1064	5	1	1	
Assets planned in 2038/39	2039	2039		$0	$0		$0	5%	0.12	$0		1069	5	1	1	
Assets planned in 2039/40	2040	2040		$0	$0		$0	5%	0.12	$0		1074	5	1	1	
Assets planned in 2040/41	2041	2041		$0	$0		$0	5%	0.11	$0		1079	5	1	1	
Assets planned in 2041/42	2042	2042		$0	$0		$0	5%	0.11	$0		1084	5	1	1	
Assets planned in 2042/43	2043	2043		$0	$0		$0	5%	0.10	$0		1089	5	1	0	
Assets planned in 2043/44	2044	2044		$0	$0		$0	5%	0.10	$0		1093	5	1	0	
Assets planned in 2044/45	2045	2045		$0	$0		$0	5%	0.09	$0		1098	5	1	0	
				$ 749,100	$ 82,380		$ 167,464				$ 52,012		138			
Subtotal (Assets post-1996)										**$ 180,930**			221	114	81	$ 2,222
												TOTAL CAPITAL CHARGE PER ET				**$2,801**

Table 3: Upper Hunter Shire Council Water Supply Capital Charge Calculations

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	Percentage of capital works utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)		Total ET	New ETs per year	PV of new ETs (@3%)	PV of new ETs (@5%)	Capital Charge per ET (2015/16$)
Cassilis						21.1%						Growth rate 0.47%				
Existing																
Assets commissioned in	1985	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1986	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1987	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1988	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1989	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1990	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1991	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1992	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1993	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1994	1996	$0				$0	3%	1.00	$0		36				
Assets commissioned in	1995	1996	$0				$0.00	3%	1.00	$0		36	0.2	0.2	0.2	
Subtotal (Assets pre-1996)			$ -				$ -			$ -	$ -					$ -
Assets commissioned in	1996	1996	$0				$0.00	5%	1.00	$0		36	0.2	0.2	0.2	
Assets commissioned in	1997	1997	$0				$0	5%	0.95	$0		36	0.2	0.2	0.2	
Assets commissioned in	1998	1998	$0				$0	5%	0.91	$0		36	0.2	0.2	0.2	
Assets commissioned in	1999	1999	$0				$0	5%	0.86	$0		36	0.2	0.2	0.1	
Assets commissioned in	2000	2000	$0				$0	5%	0.82	$0		37	0.2	0.2	0.1	
Assets commissioned in	2001	2001	$0				$0	5%	0.78	$0		37	0.2	0.2	0.1	
Assets commissioned in	2002	2002	$0				$0	5%	0.75	$0		37	0.2	0.1	0.1	
Assets commissioned in	2003	2003	$0				$0	5%	0.71	$0		37	0.2	0.1	0.1	
Assets commissioned in	2004	2004	$0				$0	5%	0.68	$0		37	0.2	0.1	0.1	
Assets commissioned in	2005	2005	$0				$0	5%	0.64	$0		38	0.2	0.1	0.1	
Assets commissioned in	2006	2006	$0				$0	5%	0.61	$0		38	0.2	0.1	0.1	
Assets commissioned in	2007	2007	$0				$0	5%	0.58	$0		38	0.2	0.1	0.1	
Assets commissioned in	2008	2008	$0				$0	5%	0.56	$0		38	0.2	0.1	0.1	
Assets commissioned in	2009	2009	$0				$0	5%	0.53	$0		38	0.2	0.1	0.1	
Assets commissioned in	2010	2010	$0				$0	5%	0.51	$0		38	0.2	0.1	0.1	
Assets commissioned in	2011	2011	$0				$0	5%	0.48	$0		39	0.2	0.1	0.1	
Assets commissioned in	2012	2012	$0				$0	5%	0.46	$0		39	0.2	0.1	0.1	
Assets commissioned in	2013	2013	$0				$0	5%	0.44	$0		39	0.2	0.1	0.1	
Assets commissioned in	2014	2014	$0				$0	5%	0.42	$0		39	0.2	0.1	0.1	
Assets commissioned in	2015	2015	$0				$0	5%	0.40	$0		39	0.2	0.1	0.1	
			$ -				$ -				$ -					
Future																
Assets planned in 2015/16	2016	2016		$18,500	$15,000		$7,068	5%	0.38	$2,664		39	0.0	0.0	0.0	
Assets planned in 2016/17	2017	2017		$5,600	$0		$1,182	5%	0.36	$424		39	0.0	0.0	0.0	
Assets planned in 2017/18	2018	2018		$50,700	$20,000		$14,917	5%	0.34	$5,099		39	0.0	0.0	0.0	
Assets planned in 2018/19	2019	2019		$20,800	$0		$4,389	5%	0.33	$1,429		39	0.0	0.0	0.0	
Assets planned in 2019/20	2020	2020		$6,900	$0		$1,456	5%	0.31	$451		40	1.0	0.5	0.3	
Assets planned in 2020/21	2021	2021		$32,000	$0		$6,752	5%	0.30	$1,994		40	0.0	0.0	0.0	
Assets planned in 2021/22	2022	2022		$7,100	$0		$1,498	5%	0.28	$421		40	0.0	0.0	0.0	
Assets planned in 2022/23	2023	2023		$7,200	$0		$1,519	5%	0.27	$407		40	0.0	0.0	0.0	
Assets planned in 2023/24	2024	2024		$7,300	$0		$1,540	5%	0.26	$393		40	0.0	0.0	0.0	
Assets planned in 2024/25	2025	2025		$20,000	$45,000		$13,714	5%	0.24	$3,332		41	1.0	0.4	0.2	
Assets planned in 2025/26	2026	2026		$0	$0		$0	5%	0.23	$0		41	0.0	0.0	0.0	
Assets planned in 2026/27	2027	2027		$0	$0		$0	5%	0.22	$0		41	0.0	0.0	0.0	
Assets planned in 2027/28	2028	2028		$0	$0		$0	5%	0.21	$0		41	0.0	0.0	0.0	
Assets planned in 2028/29	2029	2029		$0	$0		$0	5%	0.20	$0		41	0.0	0.0	0.0	
Assets planned in 2029/30	2030	2030		$0	$0		$0	5%	0.19	$0		42	1.0	0.4	0.2	
Assets planned in 2030/31	2031	2031		$0	$0		$0	5%	0.18	$0		42	0.0	0.0	0.0	
Assets planned in 2031/32	2032	2032		$0	$0		$0	5%	0.17	$0		42	0.0	0.0	0.0	
Assets planned in 2032/33	2033	2033		$0	$0		$0	5%	0.16	$0		42	0.0	0.0	0.0	
Assets planned in 2033/34	2034	2034		$0	$0		$0	5%	0.16	$0		42	0.0	0.0	0.0	
Assets planned in 2034/35	2035	2035		$0	$0		$0	5%	0.15	$0		43	1.0	0.3	0.1	
Assets planned in 2035/36	2036	2036		$0	$0		$0	5%	0.14	$0		43	0.0	0.0	0.0	
Assets planned in 2036/37	2037	2037		$0	$0		$0	5%	0.14	$0		43	0.0	0.0	0.0	
Assets planned in 2037/38	2038	2038		$0	$0		$0	5%	0.13	$0		43	0.0	0.0	0.0	
Assets planned in 2038/39	2039	2039		$0	$0		$0	5%	0.12	$0		43	0.0	0.0	0.0	
Assets planned in 2039/40	2040	2040		$0	$0		$0	5%	0.12	$0		44	1.0	0.3	0.1	
Assets planned in 2040/41	2041	2041		$0	$0		$0	5%	0.11	$0		44	0.0	0.0	0.0	
Assets planned in 2041/42	2042	2042		$0	$0		$0	5%	0.11	$0		44	0.0	0.0	0.0	
Assets planned in 2042/43	2043	2043		$0	$0		$0	5%	0.10	$0		44	0.0	0.0	0.0	
Assets planned in 2043/44	2044	2044		$0	$0		$0	5%	0.10	$0		44	0.0	0.0	0.0	
Assets planned in 2044/45	2045	2045		$0	$0		$0	5%	0.09	$0		45	1.0	0.2	0.1	
				$ 176,100	$ 80,000		$ 54,034				$ 16,614	6				
Subtotal (Assets post-1996)										$ 16,614			10	5	3	$ 4,861
													TOTAL CAPITAL CHARGE PER ET			**$4,861**

Table 3: Upper Hunter Shire Council Water Supply Capital Charge Calculations

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	Percentage of capital works utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)		Total ET	New ETs per year	PV of new ETs (@3%)	PV of new ETs (@5%)	Capital Charge per ET (2015/16$)
												Growth rate				
Murrurundi						9%						0.18%				
Existing																
Assets commissioned in	1985	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1986	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1987	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1988	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1989	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1990	1996	$2,201,315				$189,432	3%	1.00	$189,432						
Assets commissioned in	1991	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1992	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1993	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1994	1996	$0				$0	3%	1.00	$0		245				
Assets commissioned in	1995	1996	$0				$0	3%	1.00	$0		246	0.4	0.4	0.4	
Subtotal (Assets pre-1996)			$ 2,201,315				$ 189,432			**$ 189,432**	$ 189,432					**$ 15,599**
Assets commissioned in	1996	1996	$0				$0	5%	1.00	$0		246	0.4	0.4	0.4	
Assets commissioned in	1997	1997	$0				$0	5%	0.95	$0		247	0.4	0.4	0.4	
Assets commissioned in	1998	1998	$0				$0	5%	0.91	$0		247	0.4	0.4	0.4	
Assets commissioned in	1999	1999	$0				$0	5%	0.86	$0		248	0.4	0.4	0.4	
Assets commissioned in	2000	2000	$49,340				$4,246	5%	0.82	$3,493		248	0.4	0.4	0.4	
Assets commissioned in	2001	2001	$0				$0	5%	0.78	$0		249	0.4	0.4	0.4	
Assets commissioned in	2002	2002	$0				$0	5%	0.75	$0		249	0.4	0.4	0.3	
Assets commissioned in	2003	2003	$37,029				$3,186	5%	0.71	$2,265		249	0.4	0.4	0.3	
Assets commissioned in	2004	2004	$0				$0	5%	0.68	$0		250	0.4	0.4	0.3	
Assets commissioned in	2005	2005	$0				$0	5%	0.64	$0		250	0.5	0.3	0.3	
Assets commissioned in	2006	2006	$0				$0	5%	0.61	$0		251	0.5	0.3	0.3	
Assets commissioned in	2007	2007	$0				$0	5%	0.58	$0		251	0.5	0.3	0.3	
Assets commissioned in	2008	2008	$145,508				$12,522	5%	0.56	$6,972		252	0.5	0.3	0.3	
Assets commissioned in	2009	2009	$0				$0	5%	0.53	$0		252	0.5	0.3	0.2	
Assets commissioned in	2010	2010	$0				$0	5%	0.51	$0		253	0.5	0.3	0.2	
Assets commissioned in	2011	2011	$0				$0	5%	0.48	$0		253	0.5	0.3	0.2	
Assets commissioned in	2012	2012	$0				$0	5%	0.46	$0		254	0.5	0.3	0.2	
Assets commissioned in	2013	2013	$28,453				$2,448	5%	0.44	$1,068		254	0.5	0.3	0.2	
Assets commissioned in	2014	2014	$489,849				$0	5%	0.42	$0		254	0.5	0.3	0.2	
Assets commissioned in	2015	2015	$343,634				$0	5%	0.40	$0		255	0.5	0.3	0.2	
			$ 1,093,813				$ 22,402				$ 13,798					
Future																
Assets planned in 2015/16	2016	2016		$146,250	$364,450		$43,948	5%	0.38	$16,563		255	0.5	0.3	0.2	
Assets planned in 2016/17	2017	2017		$45,350	$5,761,114		$499,670	5%	0.36	$179,353		256	0.5	0.2	0.2	
Assets planned in 2017/18	2018	2018		$46,450	$3,691,250		$321,644	5%	0.34	$109,954		256	0.5	0.2	0.2	
Assets planned in 2018/19	2019	2019		$46,550	$31,000		$6,673	5%	0.33	$2,173		257	0.5	0.2	0.2	
Assets planned in 2019/20	2020	2020		$49,150	$1,250		$4,337	5%	0.31	$1,345		257	0.5	0.2	0.1	
Assets planned in 2020/21	2021	2021		$49,250	$1,250		$4,346	5%	0.30	$1,283		258	0.5	0.2	0.1	
Assets planned in 2021/22	2022	2022		$48,100	$0		$4,139	5%	0.28	$1,164		258	0.5	0.2	0.1	
Assets planned in 2022/23	2023	2023		$48,200	$0		$4,148	5%	0.27	$1,111		259	0.5	0.2	0.1	
Assets planned in 2023/24	2024	2024		$207,435	$159,135		$31,545	5%	0.26	$8,047		259	0.5	0.2	0.1	
Assets planned in 2024/25	2025	2025		$0	$30,000		$2,582	5%	0.24	$627		260	0.5	0.2	0.1	
Assets planned in 2025/26	2026	2026		$0	$0		$0	5%	0.23	$0		260	0.5	0.2	0.1	
Assets planned in 2026/27	2027	2027		$0	$0		$0	5%	0.22	$0		260	0.5	0.2	0.1	
Assets planned in 2027/28	2028	2028		$0	$0		$0	5%	0.21	$0		261	0.5	0.2	0.1	
Assets planned in 2028/29	2029	2029		$0	$0		$0	5%	0.20	$0		261	0.5	0.2	0.1	
Assets planned in 2029/30	2030	2030		$0	$0		$0	5%	0.19	$0		262	0.5	0.2	0.1	
Assets planned in 2030/31	2031	2031		$0	$0		$0	5%	0.18	$0		262	0.5	0.2	0.1	
Assets planned in 2031/32	2032	2032		$0	$0		$0	5%	0.17	$0		263	0.5	0.2	0.1	
Assets planned in 2032/33	2033	2033		$0	$0		$0	5%	0.16	$0		263	0.5	0.2	0.1	
Assets planned in 2033/34	2034	2034		$0	$0		$0	5%	0.16	$0		264	0.5	0.2	0.1	
Assets planned in 2034/35	2035	2035		$0	$0		$0	5%	0.15	$0		264	0.5	0.1	0.1	
Assets planned in 2035/36	2036	2036		$0	$0		$0	5%	0.14	$0		265	0.5	0.1	0.1	
Assets planned in 2036/37	2037	2037		$0	$0		$0	5%	0.14	$0		265	0.5	0.1	0.1	
Assets planned in 2037/38	2038	2038		$0	$0		$0	5%	0.13	$0		266	0.5	0.1	0.1	
Assets planned in 2038/39	2039	2039		$0	$0		$0	5%	0.12	$0		266	0.5	0.1	0.1	
Assets planned in 2039/40	2040	2040		$0	$0		$0	5%	0.12	$0		267	0.5	0.1	0.1	
Assets planned in 2040/41	2041	2041		$0	$0		$0	5%	0.11	$0		267	0.5	0.1	0.1	
Assets planned in 2041/42	2042	2042		$0	$0		$0	5%	0.11	$0		268	0.5	0.1	0.1	
Assets planned in 2042/43	2043	2043		$0	$0		$0	5%	0.10	$0		268	0.5	0.1	0.0	
Assets planned in 2043/44	2044	2044		$0	$0		$0	5%	0.10	$0		269	0.5	0.1	0.0	
Assets planned in 2044/45	2045	2045		$0	$0		$0	5%	0.09	$0		269	0.5	0.1	0.0	
				$ 686,735	$ 10,039,449		$ 923,032				$ 321,620		14			
Subtotal (Assets post-1996)										**$ 335,419**			**23**	**12**	**9**	**$ 38,411**
												TOTAL CAPITAL CHARGE PER ET				**$54,010**
												TOTAL CAPITAL CHARGE PER ET (including shared 1)				**$58,315**

Table 3: Upper Hunter Shire Council Water Supply Capital Charge Calculations

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	Percentage of capital works utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)		Total ET	New ETs per year	PV of new ETs (@3%)	PV of new ETs (@5%)	Capital Charge per ET (2015/16$)
Middlebrook						100%						Growth rate 2.04%				
Existing																
Assets commissioned in	1985	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1986	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1987	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1988	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1989	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1990	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1991	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1992	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1993	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1994	1996	$0				$0	3%	1.00	$0		0				
Assets commissioned in	1995	1996	$0				$0	3%	1.00	$0		0	0.0	0.0	0.0	
Subtotal (Assets pre-1996)			$ -				$ -			$ -	$ -					$ -
Assets commissioned in	1996	1996	$0				$0	5%	1.00	$0		0	0.0	0.0	0.0	
Assets commissioned in	1997	1997	$0				$0	5%	0.95	$0		0	0.0	0.0	0.0	
Assets commissioned in	1998	1998	$0				$0	5%	0.91	$0		0	0.0	0.0	0.0	
Assets commissioned in	1999	1999	$0				$0	5%	0.86	$0		0	0.0	0.0	0.0	
Assets commissioned in	2000	2000	$0				$0	5%	0.82	$0		0	0.0	0.0	0.0	
Assets commissioned in	2001	2001	$0				$0	5%	0.78	$0		0	0.0	0.0	0.0	
Assets commissioned in	2002	2002	$0				$0	5%	0.75	$0		0	0.0	0.0	0.0	
Assets commissioned in	2003	2003	$0				$0	5%	0.71	$0		0	0.0	0.0	0.0	
Assets commissioned in	2004	2004	$0				$0	5%	0.68	$0		0	0.0	0.0	0.0	
Assets commissioned in	2005	2005	$0				$0	5%	0.64	$0		0	0.0	0.0	0.0	
Assets commissioned in	2006	2006	$0				$0	5%	0.61	$0		0	0.0	0.0	0.0	
Assets commissioned in	2007	2007	$0				$0	5%	0.58	$0		0	0.0	0.0	0.0	
Assets commissioned in	2008	2008	$0				$0	5%	0.56	$0		0	0.0	0.0	0.0	
Assets commissioned in	2009	2009	$0				$0	5%	0.53	$0		0	0.0	0.0	0.0	
Assets commissioned in	2010	2010	$0				$0	5%	0.51	$0		0	0.0	0.0	0.0	
Assets commissioned in	2011	2011	$0				$0	5%	0.48	$0		0	0.0	0.0	0.0	
Assets commissioned in	2012	2012	$0				$0	5%	0.46	$0		0	0.0	0.0	0.0	
Assets commissioned in	2013	2013	$0				$0	5%	0.44	$0		0	0.0	0.0	0.0	
Assets commissioned in	2014	2014	$0				$0	5%	0.42	$0		0	0.0	0.0	0.0	
Assets commissioned in	2015	2015	$0				$0	5%	0.40	$0		0	0.0	0.0	0.0	
			$ -				$ -				$ -					
Future																
Assets planned in 2015/16	2016	2016		$0	$0		$0	5%	0.38	$0		74	74.0	41.0	27.9	
Assets planned in 2016/17	2017	2017		$0	$0		$0	5%	0.36	$0		76	2.0	1.1	0.7	
Assets planned in 2017/18	2018	2018		$0	$0		$0	5%	0.34	$0		78	2.0	1.0	0.7	
Assets planned in 2018/19	2019	2019		$0	$0		$0	5%	0.33	$0		80	2.0	1.0	0.7	
Assets planned in 2019/20	2020	2020		$0	$0		$0	5%	0.31	$0		82	2.0	1.0	0.6	
Assets planned in 2020/21	2021	2021		$0	$0		$0	5%	0.30	$0		84	2.0	1.0	0.6	
Assets planned in 2021/22	2022	2022		$0	$0		$0	5%	0.28	$0		86	2.0	0.9	0.6	
Assets planned in 2022/23	2023	2023		$0	$0		$0	5%	0.27	$0		88	2.0	0.9	0.5	
Assets planned in 2023/24	2024	2024		$0	$1,000,000		$1,000,000	5%	0.26	$255,094		90	2.0	0.9	0.5	
Assets planned in 2024/25	2025	2025		$0	$1,390,000		$1,390,000	5%	0.24	$337,695		92	2.0	0.8	0.5	
Assets planned in 2025/26	2026	2026		$0	$0		$0	5%	0.23	$0		94	2.0	0.8	0.5	
Assets planned in 2026/27	2027	2027		$0	$0		$0	5%	0.22	$0		96	2.0	0.8	0.4	
Assets planned in 2027/28	2028	2028		$0	$0		$0	5%	0.21	$0		98	2.0	0.8	0.4	
Assets planned in 2028/29	2029	2029		$0	$0		$0	5%	0.20	$0		100	2.0	0.8	0.4	
Assets planned in 2029/30	2030	2030		$0	$0		$0	5%	0.19	$0		102	2.0	0.7	0.4	
Assets planned in 2030/31	2031	2031		$0	$0		$0	5%	0.18	$0		104	2.0	0.7	0.4	
Assets planned in 2031/32	2032	2032		$0	$0		$0	5%	0.17	$0		106	2.0	0.7	0.3	
Assets planned in 2032/33	2033	2033		$0	$0		$0	5%	0.16	$0		108	2.0	0.7	0.3	
Assets planned in 2033/34	2034	2034		$0	$0		$0	5%	0.16	$0		110	2.0	0.7	0.3	
Assets planned in 2034/35	2035	2035		$0	$0		$0	5%	0.15	$0		112	2.0	0.6	0.3	
Assets planned in 2035/36	2036	2036		$0	$0		$0	5%	0.14	$0		114	2.0	0.6	0.3	
Assets planned in 2036/37	2037	2037		$0	$0		$0	5%	0.14	$0		116	2.0	0.6	0.3	
Assets planned in 2037/38	2038	2038		$0	$0		$0	5%	0.13	$0		118	2.0	0.6	0.3	
Assets planned in 2038/39	2039	2039		$0	$0		$0	5%	0.12	$0		120	2.0	0.6	0.2	
Assets planned in 2039/40	2040	2040		$0	$0		$0	5%	0.12	$0		122	2.0	0.5	0.2	
Assets planned in 2040/41	2041	2041		$0	$0		$0	5%	0.11	$0		124	2.0	0.5	0.2	
Assets planned in 2041/42	2042	2042		$0	$0		$0	5%	0.11	$0		126	2.0	0.5	0.2	
Assets planned in 2042/43	2043	2043		$0	$0		$0	5%	0.10	$0		128	2.0	0.5	0.2	
Assets planned in 2043/44	2044	2044		$0	$0		$0	5%	0.10	$0		130	2.0	0.5	0.2	
Assets planned in 2044/45	2045	2045		$0	$0		$0	5%	0.09	$0		132	2.0	0.5	0.2	
				$ -	$ 2,390,000		$ 2,390,000				$ 592,789		132			
Subtotal (Assets post-1996)										$ 592,789			132	62	39	$ 15,083

Table 3: Upper Hunter Shire Council Water Supply Capital Charge Calculations

TOTAL CAPITAL CHARGE PER ET $15,083
TOTAL CAPITAL CHARGE PER ET (including shared 1 and 2) $20,562

Scone& Aberdeen, Murrurundi and Middlebrook

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	Percentage of capital works utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)		Total ET	New ETs per year	PV of new ETs (@3%)	PV of new ETs (@5%)	Capital Charge per ET (2015/16$)
Shared 1						15.6%						0.34%				
Existing																
Assets commissioned in	1985	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1986	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1987	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1988	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1989	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1990	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1991	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1992	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1993	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1994	1996	$0				$0	3%	1.00	$0		5677				
Assets commissioned in	1995	1996	$0				$0	3%	1.00	$0		5696	19.4	19.4	19.4	
Subtotal (Assets pre-1996)			$ -				$ -			$ -	$ -					$ -
Assets commissioned in	1996	1996	$0				$0	5%	1.00	$0		5715	19.5	19.5	19.5	
Assets commissioned in	1997	1997	$0				$0	5%	0.95	$0		5735	19.5	19.0	18.6	
Assets commissioned in	1998	1998	$0				$0	5%	0.91	$0		5755	19.6	18.5	17.8	
Assets commissioned in	1999	1999	$0				$0	5%	0.86	$0		5774	19.7	18.0	17.0	
Assets commissioned in	2000	2000	$0				$0	5%	0.82	$0		5794	19.7	17.5	16.2	
Assets commissioned in	2001	2001	$0				$0	5%	0.78	$0		5814	19.8	17.1	15.5	
Assets commissioned in	2002	2002	$255,500				$39,984	5%	0.75	$29,837		5834	19.9	16.6	14.8	
Assets commissioned in	2003	2003	$0				$0	5%	0.71	$0		5854	19.9	16.2	14.2	
Assets commissioned in	2004	2004	$0				$0	5%	0.68	$0		5874	20.0	15.8	13.5	
Assets commissioned in	2005	2005	$0				$0	5%	0.64	$0		5894	20.1	15.4	12.9	
Assets commissioned in	2006	2006	$0				$0	5%	0.61	$0		5914	20.1	15.0	12.4	
Assets commissioned in	2007	2007	$0				$0	5%	0.58	$0		5934	20.2	14.6	11.8	
Assets commissioned in	2008	2008	$0				$0	5%	0.56	$0		5954	20.3	14.2	11.3	
Assets commissioned in	2009	2009	$0				$0	5%	0.53	$0		5975	20.3	13.9	10.8	
Assets commissioned in	2010	2010	$0				$0	5%	0.51	$0		5995	20.4	13.5	10.3	
Assets commissioned in	2011	2011	$0				$0	5%	0.48	$0		6016	20.5	13.1	9.9	
Assets commissioned in	2012	2012	$0				$0	5%	0.46	$0		6036	20.6	12.8	9.4	
Assets commissioned in	2013	2013	$13,550,162				$2,120,514	5%	0.44	$925,173		6057	20.6	12.5	9.0	
Assets commissioned in	2014	2014	$0				$0	5%	0.42	$0		6077	20.7	12.2	8.6	
Assets commissioned in	2015	2015	$383,524				$60,019	5%	0.40	$23,752		6098	20.8	11.8	8.2	
			$ 14,189,186				$ 2,220,517				$ 978,762					
Future																
Assets planned in 2015/16	2016	2016		$0	$0		$0	5%	0.38	$0		6119	20.9	11.6	7.9	
Assets planned in 2016/17	2017	2017		$0	$50,000		$7,825	5%	0.36	$2,809		6140	21.0	11.3	7.5	
Assets planned in 2017/18	2018	2018		$0	$80,000		$12,519	5%	0.34	$4,280		6161	21.0	11.0	7.2	
Assets planned in 2018/19	2019	2019		$0	$50,000		$7,825	5%	0.33	$2,547		6182	21.1	10.7	6.9	
Assets planned in 2019/20	2020	2020		$0	$6,000,000		$938,962	5%	0.31	$291,142		6203	21.2	10.4	6.6	
Assets planned in 2020/21	2021	2021		$0	$7,500,000		$1,173,702	5%	0.30	$346,598		6225	21.2	10.1	6.3	
Assets planned in 2021/22	2022	2022		$0	$1,500,000		$234,740	5%	0.28	$66,019		6246	21.3	9.9	6.0	
Assets planned in 2022/23	2023	2023		$0	$0		$0	5%	0.27	$0		6267	21.4	9.6	5.7	
Assets planned in 2023/24	2024	2024		$0	$0		$0	5%	0.26	$0		6289	21.4	9.4	5.5	
Assets planned in 2024/25	2025	2025		$0	$0		$0	5%	0.24	$0		6310	21.5	9.1	5.2	
Assets planned in 2025/26	2026	2026		$0	$0		$0	5%	0.23	$0		6332	21.5	8.9	5.0	
Assets planned in 2026/27	2027	2027		$0	$0		$0	5%	0.22	$0		6353	21.6	8.6	4.8	
Assets planned in 2027/28	2028	2028		$0	$0		$0	5%	0.21	$0		6375	21.7	8.4	4.5	
Assets planned in 2028/29	2029	2029		$0	$0		$0	5%	0.20	$0		6397	21.7	8.2	4.3	
Assets planned in 2029/30	2030	2030		$0	$0		$0	5%	0.19	$0		6418	21.8	8.0	4.1	
Assets planned in 2030/31	2031	2031		$0	$0		$0	5%	0.18	$0		6440	21.8	7.8	4.0	
Assets planned in 2031/32	2032	2032		$0	$0		$0	5%	0.17	$0		6462	21.9	7.6	3.8	
Assets planned in 2032/33	2033	2033		$0	$0		$0	5%	0.16	$0		6484	22.0	7.4	3.6	
Assets planned in 2033/34	2034	2034		$0	$0		$0	5%	0.16	$0		6506	22.0	7.2	3.5	
Assets planned in 2034/35	2035	2035		$0	$0		$0	5%	0.15	$0		6528	22.1	7.0	3.3	
Assets planned in 2035/36	2036	2036		$0	$0		$0	5%	0.14	$0		6550	22.2	6.8	3.1	
Assets planned in 2036/37	2037	2037		$0	$0		$0	5%	0.14	$0		6573	22.2	6.6	3.0	
Assets planned in 2037/38	2038	2038		$0	$0		$0	5%	0.13	$0		6595	22.3	6.4	2.9	
Assets planned in 2038/39	2039	2039		$0	$0		$0	5%	0.12	$0		6617	22.4	6.3	2.7	
Assets planned in 2039/40	2040	2040		$0	$0		$0	5%	0.12	$0		6640	22.4	6.1	2.6	
Assets planned in 2040/41	2041	2041		$0	$0		$0	5%	0.11	$0		6662	22.5	5.9	2.5	
Assets planned in 2041/42	2042	2042		$0	$0		$0	5%	0.11	$0		6685	22.5	5.8	2.4	
Assets planned in 2042/43	2043	2043		$0	$0		$0	5%	0.10	$0		6707	22.6	5.6	2.3	
Assets planned in 2043/44	2044	2044		$0	$0		$0	5%	0.10	$0		6730	22.7	5.5	2.2	
Assets planned in 2044/45	2045	2045		$0	$0		$0	5%	0.09	$0		6753	22.7	5.3	2.1	
				$ -	$ 15,180,000		$ 2,375,573				$ 713,394		655			

Table 3: Upper Hunter Shire Council Water Supply Capital Charge Calculations

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	Percentage of capital works utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)
Subtotal (Assets post-1996)										$ 1,692,155

Total ET	New ETs per year	PV of new ETs (@3%)	PV of new ETs (@5%)	Capital Charge per ET (2015/16$)
	1,057	549	393	$ 4,305
	TOTAL CAPITAL CHARGE PER ET			$4,305

CPI (Consumer Price Index), Sydney June 15 - June 16 1.00%

Table 4: Upper Hunter Shire Council Water Supply Developer Charge Calculation

Service area	Capital Charge per ET (2015/16$)	% of highest	% of highest	% of highest	% of highest	DSP areas	Total number of new ETs in 30 years	PV of new ET	Proportion of PV of new ETs in each DSP area	Weighted Cap charge for each service area ($/ET)	Weighted cap charge for each DSP area ($/ET)	Reduction Amount ($/ET)	Calculated Developer Charge ($/ET) 2015/16	Calculated Developer Charge ($/ET) 2016/17	Council Proposed Developer Charge ($/ET) 2016/17
							Weighted Average Capital Charge for each DSP area								
Murrurundi	$ 58,315	100%				WDSP1	14	7	100.0%	$58,315	$58,315		$ 55,097	$ 55,648	
Middlebrook	$ 20,562	35%	100%			WDSP2	132	99	100.0%	$20,562	$20,562		$ 17,345	$ 17,518	
Scone & Aberdeen	$ 9,843		48%	100%		WDSP3	581	294	100.0%	$9,843	$9,843	$ 3,217	$ 6,625	$ 6,692	
Cassilis	$ 4,861			49%	100%	WDSP4	6	3	100.0%	$4,861	$4,861		$ 1,644	$ 1,660	
Merriwa	$ 2,801				58%	WDSP5	138	70	100.0%	$2,801	$2,801		-$ 416	$ (420)	
								473							

Note: The agglomeration approach requires that service areas with capital charge within 30% of the highest capital charge should be agglomerated into one developer charge. No agglomeration is required

Table 5: Upper Hunter Shire Council Water Reduction Amount Calculation

		Current estimated ($/ET)	
Annual Water Bill per ET		$ 680	
Annual Water OMA Costs per ET		$ 408	
Net Income per ET		$ 271	

	2014/15	
Total Charges Income	$ 4,824,000	From Special Schedule 2014/15
Total Ets	7,097	From ET calcualtion Tab
Annual Bill per ET ($)	$ 680	
Total OMA Cost	$ 2,899,000	From Special Schedule 2014/15
OMA per ET ($)	$ 408	

	Year	Total ETs	New ETs	PV Factor	PV of new ETs (@5%)	Cumulative new ETs	Net income from new ETs	PV of Net income from new Ets (@5%)	Reduction Amount ($/ET)
0	2014/15	7,097							
1	2015/16	7,123	25	1.00	25	25	$6,847	$6,847	
2	2016/17	7,148	25	0.95	24	51	$13,717	$13,063	
3	2017/18	7,173	25	0.91	23	76	$20,607	$18,691	
4	2018/19	7,199	25	0.86	22	101	$27,519	$23,772	
5	2019/20	7,226	27	0.82	22	128	$34,725	$28,568	
6	2020/21	7,251	26	0.78	20	154	$41,681	$32,658	
7	2021/22	7,277	26	0.75	19	179	$48,658	$36,310	
8	2022/23	7,303	26	0.71	18	205	$55,658	$39,555	
9	2023/24	7,329	26	0.68	18	231	$62,680	$42,424	
10	2024/25	7,356	27	0.64	17	258	$69,995	$45,120	
11	2025/26	7,382	26	0.61	16	284	$77,061	$47,309	
12	2026/27	7,408	26	0.58	15	310	$84,150	$49,201	
13	2027/28	7,434	26	0.56	15	336	$91,261	$50,817	
14	2028/29	7,460	26	0.53	14	363	$98,394	$52,180	
15	2029/30	7,488	27	0.51	14	390	$105,821	$53,447	
16	2030/31	7,514	26	0.48	13	417	$112,999	$54,355	
17	2031/32	7,541	27	0.46	12	443	$120,200	$55,065	
18	2032/33	7,567	27	0.44	12	470	$127,424	$55,595	
19	2033/34	7,594	27	0.42	11	497	$134,671	$55,959	
20	2034/35	7,622	28	0.40	11	524	$142,212	$56,278	
21	2035/36	7,649	27	0.38	10	551	$149,505	$56,347	
22	2036/37	7,676	27	0.36	10	578	$156,820	$56,289	
23	2037/38	7,703	27	0.34	9	605	$164,159	$56,118	
24	2038/39	7,730	27	0.33	9	632	$171,521	$55,842	
25	2039/40	7,758	28	0.31	9	661	$179,178	$55,557	
26	2040/41	7,785	27	0.30	8	688	$186,587	$55,100	
27	2041/42	7,813	27	0.28	8	715	$194,019	$54,566	
28	2042/43	7,840	27	0.27	7	743	$201,475	$53,965	
29	2043/44	7,868	28	0.26	7	770	$208,955	$53,303	
30	2044/45	7,897	29	0.24	7	799	$216,730	$52,654	
					425			$ 1,366,956	$ 3,217

APPENDIX D

BACKGROUND DOCUMENT FOR SEWERAGE DSP

Table 1: Upper Hunter Shire Council Existing Sewerage Assets

Service Area	Asset Type	Asset Description	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone	Aberdeen	Merriwa	Murrurundi	Assets Excluded
Merriwa	L-Land	Asses 74237Land (Lot 2, 4, 5 DP 244745)	1/01/1970 00:00:00	1970	$ 70,000	$ 71,540	$ 71,540	$0	$0	$0	$0	$0	$71,540
Merriwa	L-Land	Asses 76637Sewer Pump Station 1 Land, Dutton St, Lo	30/06/2012 00:00:00	2012	$ 12,000	$ 12,264	$ 12,264	$12,264	$0	$0	$12,264	$0	$0
Merriwa	L-Land	Asses 78053Sewer Land, Langley St, Lot 2, DP 58306	30/06/2012 00:00:00	2012	$ -	$ -	$ -	$0	$0	$0	$0	$0	$0
Merriwa	Sewer Pump Station	Pump Station 1, Dutton Street	1/01/1970 00:00:00	1970	$ 239,723	$ 244,997	$ 244,997	$0	$0	$0	$0	$0	$244,997
Merriwa	Sewer Pump Station	Pump Station 2	1/01/1970 00:00:00	1970	$ 28,203	$ 28,823	$ 28,823	$0	$0	$0	$0	$0	$28,823
Merriwa	Sewer Pump Station	Pump Station 3	1/01/1970 00:00:00	1970	$ 2,474	$ 2,528	$ 2,528	$0	$0	$0	$0	$0	$2,528
Merriwa	Sewer Pump Station	Pump Station 4	1/01/1970 00:00:00	1970	$ 2,474	$ 2,528	$ 2,528	$0	$0	$0	$0	$0	$2,528
Merriwa	Sewer Rising Main	"Dutton StreetPS1 - A16"	1/07/1970 00:00:00	1970	$ 17,374	$ 17,756	$ 17,756	$0	$0	$0	$0	$0	$17,756
Merriwa	Sewer Rising Main	"Showground to Dutton StPS2 - AB3"	1/07/2002 00:00:00	2002	$ 30,942	$ 31,623	$ 31,623	$31,623	$0	$0	$31,623	$0	$0
Merriwa	Sewer Rising Main	"ShowgroundPS3 - PS2"	1/07/2002 00:00:00	2002	$ 7,091	$ 7,247	$ 7,247	$7,247	$0	$0	$7,247	$0	$0
Merriwa	Sewer Rising Main	Rotary Park via Caravan Park Golden Hwy PS4 - AF1	1/07/2002 00:00:00	2002	$ 5,983	$ 6,115	$ 6,115	$6,115	$0	$0	$6,115	$0	$0
Merriwa	Sewer Rising Main		30/06/2008 00:00:00	2008	$ 38,677	$ 39,528	$ 39,528	$39,528	$0	$0	$39,528	$0	$0
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 43,597	$ 44,556	$ 44,556	$0	$0	$0	$0	$0	$44,556
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 43,814	$ 44,778	$ 44,778	$0	$0	$0	$0	$0	$44,778
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 43,651	$ 44,611	$ 44,611	$0	$0	$0	$0	$0	$44,611
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 51,923	$ 53,065	$ 53,065	$0	$0	$0	$0	$0	$53,065
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 51,923	$ 53,065	$ 53,065	$0	$0	$0	$0	$0	$53,065
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 51,988	$ 53,131	$ 53,131	$0	$0	$0	$0	$0	$53,131
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 51,923	$ 53,065	$ 53,065	$0	$0	$0	$0	$0	$53,065
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 51,988	$ 53,131	$ 53,131	$0	$0	$0	$0	$0	$53,131
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 42,430	$ 43,363	$ 43,363	$0	$0	$0	$0	$0	$43,363
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 51,988	$ 53,131	$ 53,131	$0	$0	$0	$0	$0	$53,131
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 52,181	$ 53,329	$ 53,329	$0	$0	$0	$0	$0	$53,329
Merriwa	Sewer Gravity Tunk Mains		1/07/1993 00:00:00	1993	$ 28,721	$ 29,353	$ 29,353	$29,353	$0	$0	$29,353	$0	$0
Merriwa	Sewer Gravity Tunk Mains		1/07/1993 00:00:00	1993	$ 16,145	$ 16,500	$ 16,500	$16,500	$0	$0	$16,500	$0	$0
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 2,777	$ 2,838	$ 2,838	$0	$0	$0	$0	$0	$2,838
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 41,978	$ 42,901	$ 42,901	$0	$0	$0	$0	$0	$42,901
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 21,880	$ 22,361	$ 22,361	$0	$0	$0	$0	$0	$22,361
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 43,705	$ 44,667	$ 44,667	$0	$0	$0	$0	$0	$44,667
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 38,330	$ 39,174	$ 39,174	$0	$0	$0	$0	$0	$39,174
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 7,915	$ 8,090	$ 8,090	$0	$0	$0	$0	$0	$8,090
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 5,477	$ 5,598	$ 5,598	$0	$0	$0	$0	$0	$5,598
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 4,034	$ 4,123	$ 4,123	$0	$0	$0	$0	$0	$4,123
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 6,192	$ 6,328	$ 6,328	$0	$0	$0	$0	$0	$6,328
Merriwa	Sewer Gravity Tunk Mains	Bow Street	1/07/1970 00:00:00	1970	$ 22,525	$ 23,021	$ 23,021	$0	$0	$0	$0	$0	$23,021
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 22,553	$ 23,050	$ 23,050	$0	$0	$0	$0	$0	$23,050
Merriwa	Sewer Gravity Tunk Mains		1/07/1970 00:00:00	1970	$ 27,798	$ 28,409	$ 28,409	$0	$0	$0	$0	$0	$28,409
Merriwa	Sewer Gravity Tunk Mains	29 Vennachar St	1/07/1970 00:00:00	1970	$ 18,982	$ 19,400	$ 19,400	$0	$0	$0	$0	$0	$19,400
Merriwa	Sewer Gravity Tunk Mains	113-115 Bettington Street	1/07/1970 00:00:00	1970	$ 13,700	$ 14,002	$ 14,002	$0	$0	$0	$0	$0	$14,002
Merriwa	Reticulation	109-111 Bettington Street	1/07/1970 00:00:00	1970	$ 11,707	$ 11,964	$ -	$0	$0	$0	$0	$0	$11,964
Merriwa	Reticulation	105-107 Bettington Street	1/07/1970 00:00:00	1970	$ 14,804	$ 15,129	$ -	$0	$0	$0	$0	$0	$15,129
Merriwa	Reticulation	103 Bettington Street	1/07/1970 00:00:00	1970	$ 23,643	$ 24,163	$ -	$0	$0	$0	$0	$0	$24,163
Merriwa	Reticulation	101 Bettington Street	1/07/1970 00:00:00	1970	$ 17,463	$ 17,847	$ -	$0	$0	$0	$0	$0	$17,847
Merriwa	Reticulation	95-99 Bettington Street	1/07/1970 00:00:00	1970	$ 21,235	$ 21,702	$ -	$0	$0	$0	$0	$0	$21,702
Merriwa	Reticulation	Bettington Street	1/07/1970 00:00:00	1970	$ 26,050	$ 26,623	$ -	$0	$0	$0	$0	$0	$26,623
Merriwa	Reticulation	Bettington Street	1/07/1970 00:00:00	1970	$ 17,966	$ 18,361	$ -	$0	$0	$0	$0	$0	$18,361
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 12,115	$ 12,382	$ -	$0	$0	$0	$0	$0	$12,382
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 21,617	$ 22,092	$ -	$0	$0	$0	$0	$0	$22,092
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 11,870	$ 12,131	$ -	$0	$0	$0	$0	$0	$12,131
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 8,304	$ 8,486	$ -	$0	$0	$0	$0	$0	$8,486
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 16,880	$ 17,251	$ -	$0	$0	$0	$0	$0	$17,251
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 19,003	$ 19,421	$ -	$0	$0	$0	$0	$0	$19,421
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 12,850	$ 13,133	$ -	$0	$0	$0	$0	$0	$13,133
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 23,643	$ 24,163	$ -	$0	$0	$0	$0	$0	$24,163
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 25,511	$ 26,072	$ -	$0	$0	$0	$0	$0	$26,072
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,916	$ 22,399	$ -	$0	$0	$0	$0	$0	$22,399
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 20,827	$ 21,286	$ -	$0	$0	$0	$0	$0	$21,286
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,944	$ 22,426	$ -	$0	$0	$0	$0	$0	$22,426
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 19,956	$ 20,395	$ -	$0	$0	$0	$0	$0	$20,395
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 21,780	$ 22,259	$ -	$0	$0	$0	$0	$0	$22,259
Merriwa	Reticulation	Gooch Street	1/07/1970 00:00:00	1970	$ 15,736	$ 16,082	$ -	$0	$0	$0	$0	$0	$16,082
Merriwa	Reticulation	Gooch Street	1/07/1970 00:00:00	1970	$ 13,123	$ 13,411	$ -	$0	$0	$0	$0	$0	$13,411
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 4,955	$ 5,064	$ -	$0	$0	$0	$0	$0	$5,064
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 16,063	$ 16,416	$ -	$0	$0	$0	$0	$0	$16,416
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 14,892	$ 15,220	$ -	$0	$0	$0	$0	$0	$15,220
Merriwa	Reticulation	Hayes Street	1/07/1970 00:00:00	1970	$ 17,397	$ 17,780	$ -	$0	$0	$0	$0	$0	$17,780
Merriwa	Reticulation	Gooch/Langley Sts	1/07/1970 00:00:00	1970	$ 16,421	$ 16,782	$ -	$0	$0	$0	$0	$0	$16,782
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 9,093	$ 9,293	$ -	$0	$0	$0	$0	$0	$9,293

Table 1: Upper Hunter Shire Council Existing Sewerage Assets

Service Area	Asset Type	Asset Description	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone	Aberdeen	Merriwa	Murrurundi	Assets Excluded
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 17,261	$ 17,641	$ -	$0	$0	$0	$0	$0	$17,641
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 17,833	$ 18,225	$ -	$0	$0	$0	$0	$0	$18,225
Merriwa	Reticulation	Langley Street	1/07/1970 00:00:00	1970	$ 16,254	$ 16,611	$ -	$0	$0	$0	$0	$0	$16,611
Merriwa	Reticulation	"Elizabeth StreetO riginal-not split for DA1/DA2"	1/07/1970 00:00:00	1970	$ 21,862	$ 22,343	$ -	$0	$0	$0	$0	$0	$22,343
Merriwa	Reticulation	9 Langley Street	1/07/1970 00:00:00	1970	$ 10,346	$ 10,573	$ -	$0	$0	$0	$0	$0	$10,573
Merriwa	Reticulation	27 Cullingral Street	1/07/1970 00:00:00	1970	$ 10,427	$ 10,657	$ -	$0	$0	$0	$0	$0	$10,657
Merriwa	Reticulation	Cullingral Street	1/07/1970 00:00:00	1970	$ 13,803	$ 14,107	$ -	$0	$0	$0	$0	$0	$14,107
Merriwa	Reticulation	Cullingral Street	1/07/1970 00:00:00	1970	$ 16,335	$ 16,695	$ -	$0	$0	$0	$0	$0	$16,695
Merriwa	Reticulation	Bow Street	1/07/1970 00:00:00	1970	$ 21,835	$ 22,315	$ -	$0	$0	$0	$0	$0	$22,315
Merriwa	Reticulation	Bow Street	1/07/1970 00:00:00	1970	$ 21,916	$ 22,399	$ -	$0	$0	$0	$0	$0	$22,399
Merriwa	Reticulation	55 Bow Street	1/07/1970 00:00:00	1970	$ 17,642	$ 18,030	$ -	$0	$0	$0	$0	$0	$18,030
Merriwa	Reticulation	Langley Street	1/07/1970 00:00:00	1970	$ 17,098	$ 17,474	$ -	$0	$0	$0	$0	$0	$17,474
Merriwa	Reticulation	Langley Street	1/07/1970 00:00:00	1970	$ 10,563	$ 10,796	$ -	$0	$0	$0	$0	$0	$10,796
Merriwa	Reticulation	Langley Street	1/07/1970 00:00:00	1970	$ 10,563	$ 10,796	$ -	$0	$0	$0	$0	$0	$10,796
Merriwa	Reticulation	64-66 Vennachar Street	1/07/1970 00:00:00	1970	$ 12,115	$ 12,382	$ -	$0	$0	$0	$0	$0	$12,382
Merriwa	Reticulation	68-74 Vennachar Street	1/07/1970 00:00:00	1970	$ 21,916	$ 22,399	$ -	$0	$0	$0	$0	$0	$22,399
Merriwa	Reticulation	Vennachar Street	1/07/1970 00:00:00	1970	$ 13,640	$ 13,940	$ -	$0	$0	$0	$0	$0	$13,940
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 13,177	$ 13,467	$ -	$0	$0	$0	$0	$0	$13,467
Merriwa	Reticulation	84 Vennachar Street	1/07/1970 00:00:00	1970	$ 23,414	$ 23,929	$ -	$0	$0	$0	$0	$0	$23,929
Merriwa	Reticulation	Vennachar Street	1/07/1970 00:00:00	1970	$ 13,395	$ 13,690	$ -	$0	$0	$0	$0	$0	$13,690
Merriwa	Reticulation	Vennachar Street	1/07/1970 00:00:00	1970	$ 21,127	$ 21,592	$ -	$0	$0	$0	$0	$0	$21,592
Merriwa	Reticulation	68 Vennachar Street	1/07/1970 00:00:00	1970	$ 13,204	$ 13,495	$ -	$0	$0	$0	$0	$0	$13,495
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,916	$ 22,399	$ -	$0	$0	$0	$0	$0	$22,399
Merriwa	Reticulation	Bow Street	1/07/1970 00:00:00	1970	$ 22,325	$ 22,816	$ -	$0	$0	$0	$0	$0	$22,816
Merriwa	Reticulation	15-19 Cullingral Street	1/07/1970 00:00:00	1970	$ 18,432	$ 18,837	$ -	$0	$0	$0	$0	$0	$18,837
Merriwa	Reticulation	Cullingral Street	1/07/1970 00:00:00	1970	$ 16,009	$ 16,361	$ -	$0	$0	$0	$0	$0	$16,361
Merriwa	Reticulation	Cullingral Street	1/07/1970 00:00:00	1970	$ 15,464	$ 15,804	$ -	$0	$0	$0	$0	$0	$15,804
Merriwa	Reticulation	Vennachar Street	1/07/1970 00:00:00	1970	$ 10,781	$ 11,018	$ -	$0	$0	$0	$0	$0	$11,018
Merriwa	Reticulation	Vennachar Street	1/07/1970 00:00:00	1970	$ 19,085	$ 19,505	$ -	$0	$0	$0	$0	$0	$19,505
Merriwa	Reticulation	Vennachar Street	1/07/1970 00:00:00	1970	$ 19,548	$ 19,978	$ -	$0	$0	$0	$0	$0	$19,978
Merriwa	Reticulation	57-63 Vennachar Street	1/07/1970 00:00:00	1970	$ 21,835	$ 22,315	$ -	$0	$0	$0	$0	$0	$22,315
Merriwa	Reticulation	1 Cullingral Street	1/07/1970 00:00:00	1970	$ 14,566	$ 14,886	$ -	$0	$0	$0	$0	$0	$14,886
Merriwa	Reticulation	50-54 Vennacher Street	1/07/1970 00:00:00	1970	$ 15,763	$ 16,110	$ -	$0	$0	$0	$0	$0	$16,110
Merriwa	Reticulation	56-60 Vennachar Street	1/07/1970 00:00:00	1970	$ 17,642	$ 18,030	$ -	$0	$0	$0	$0	$0	$18,030
Merriwa	Reticulation	55 Bow Street	1/07/1970 00:00:00	1970	$ 22,888	$ 23,392	$ -	$0	$0	$0	$0	$0	$23,392
Merriwa	Reticulation	MacKenzie Street	1/07/1970 00:00:00	1970	$ 18,187	$ 18,587	$ -	$0	$0	$0	$0	$0	$18,587
Merriwa	Reticulation	MacKenzie Street	1/07/1970 00:00:00	1970	$ 17,506	$ 17,891	$ -	$0	$0	$0	$0	$0	$17,891
Merriwa	Reticulation	Bow Street	1/07/1970 00:00:00	1970	$ 14,157	$ 14,469	$ -	$0	$0	$0	$0	$0	$14,469
Merriwa	Reticulation	Bow Street	1/07/1970 00:00:00	1970	$ 12,251	$ 12,521	$ -	$0	$0	$0	$0	$0	$12,521
Merriwa	Reticulation	MacKenzie Street	1/07/1970 00:00:00	1970	$ 21,916	$ 22,399	$ -	$0	$0	$0	$0	$0	$22,399
Merriwa	Reticulation	MacKenzie Street	1/07/1970 00:00:00	1970	$ 7,596	$ 7,763	$ -	$0	$0	$0	$0	$0	$7,763
Merriwa	Reticulation	Vennachar Street	1/07/1970 00:00:00	1970	$ 14,048	$ 14,357	$ -	$0	$0	$0	$0	$0	$14,357
Merriwa	Reticulation	Vennacher	1/07/1970 00:00:00	1970	$ 14,647	$ 14,969	$ -	$0	$0	$0	$0	$0	$14,969
Merriwa	Reticulation	Vennachar Street	1/07/1970 00:00:00	1970	$ 15,437	$ 15,776	$ -	$0	$0	$0	$0	$0	$15,776
Merriwa	Reticulation	MacKenzie Street	1/07/1970 00:00:00	1970	$ 17,179	$ 17,557	$ -	$0	$0	$0	$0	$0	$17,557
Merriwa	Reticulation	MacKenzie Street	1/07/1970 00:00:00	1970	$ 17,805	$ 18,197	$ -	$0	$0	$0	$0	$0	$18,197
Merriwa	Reticulation	MacKenzie Street	1/07/1970 00:00:00	1970	$ 13,585	$ 13,884	$ -	$0	$0	$0	$0	$0	$13,884
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,944	$ 22,426	$ -	$0	$0	$0	$0	$0	$22,426
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 13,613	$ 13,912	$ -	$0	$0	$0	$0	$0	$13,912
Merriwa	Reticulation	Marquet Street	1/07/1970 00:00:00	1970	$ 17,479	$ 17,863	$ -	$0	$0	$0	$0	$0	$17,863
Merriwa	Reticulation	Marquet Street	1/07/1970 00:00:00	1970	$ 19,058	$ 19,477	$ -	$0	$0	$0	$0	$0	$19,477
Merriwa	Reticulation	Marquet Street	1/07/1970 00:00:00	1970	$ 21,835	$ 22,315	$ -	$0	$0	$0	$0	$0	$22,315
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 22,461	$ 22,955	$ -	$0	$0	$0	$0	$0	$22,955
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 6,235	$ 6,372	$ -	$0	$0	$0	$0	$0	$6,372
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 18,214	$ 18,614	$ -	$0	$0	$0	$0	$0	$18,614
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 5,472	$ 5,593	$ -	$0	$0	$0	$0	$0	$5,593
Merriwa	Reticulation	Vennacher Street	1/07/1970 00:00:00	1970	$ 10,456	$ 10,686	$ -	$0	$0	$0	$0	$0	$10,686
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,916	$ 22,399	$ -	$0	$0	$0	$0	$0	$22,399
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 22,107	$ 22,593	$ -	$0	$0	$0	$0	$0	$22,593
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 26,984	$ 27,578	$ -	$0	$0	$0	$0	$0	$27,578
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,317	$ 21,786	$ -	$0	$0	$0	$0	$0	$21,786
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 13,204	$ 13,495	$ -	$0	$0	$0	$0	$0	$13,495
Merriwa	Reticulation	MacKenzie Street	1/07/1970 00:00:00	1970	$ 11,498	$ 11,751	$ -	$0	$0	$0	$0	$0	$11,751
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,127	$ 21,592	$ -	$0	$0	$0	$0	$0	$21,592
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 13,994	$ 14,302	$ -	$0	$0	$0	$0	$0	$14,302
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,918	$ 22,400	$ -	$0	$0	$0	$0	$0	$22,400
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,481	$ 21,953	$ -	$0	$0	$0	$0	$0	$21,953
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 14,293	$ 14,608	$ -	$0	$0	$0	$0	$0	$14,608

Table 1: Upper Hunter Shire Council Existing Sewerage Assets

Service Area	Asset Type	Asset Description	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone	Aberdeen	Merriwa	Murrurundi	Assets Excluded
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 12,524	$ 12,799	$ -	$0	$0	$0	$0	$0	$12,799
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,535	$ 22,009	$ -	$0	$0	$0	$0	$0	$22,009
Merriwa	Reticulation	Collins Street	1/07/1970 00:00:00	1970	$ 16,471	$ 16,834	$ -	$0	$0	$0	$0	$0	$16,834
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 17,724	$ 18,114	$ -	$0	$0	$0	$0	$0	$18,114
Merriwa	Reticulation	Flaggs Road	1/07/1970 00:00:00	1970	$ 30,649	$ 31,324	$ -	$0	$0	$0	$0	$0	$31,324
Merriwa	Reticulation	Flaggs Road	1/07/1970 00:00:00	1970	$ 15,019	$ 15,350	$ -	$0	$0	$0	$0	$0	$15,350
Merriwa	Reticulation	Flaggs Road	1/07/1970 00:00:00	1970	$ 28,206	$ 28,826	$ -	$0	$0	$0	$0	$0	$28,826
Merriwa	Reticulation	MacKenzie Street	1/07/1970 00:00:00	1970	$ 22,996	$ 23,502	$ -	$0	$0	$0	$0	$0	$23,502
Merriwa	Reticulation	MacKenzie Street	1/07/1970 00:00:00	1970	$ 18,350	$ 18,754	$ -	$0	$0	$0	$0	$0	$18,754
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 13,123	$ 13,411	$ -	$0	$0	$0	$0	$0	$13,411
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 12,551	$ 12,827	$ -	$0	$0	$0	$0	$0	$12,827
Merriwa	Reticulation	Brisbane/McRae Sts	1/07/1970 00:00:00	1970	$ 13,259	$ 13,550	$ -	$0	$0	$0	$0	$0	$13,550
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 24,757	$ 25,301	$ -	$0	$0	$0	$0	$0	$25,301
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 16,390	$ 16,750	$ -	$0	$0	$0	$0	$0	$16,750
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,918	$ 22,400	$ -	$0	$0	$0	$0	$0	$22,400
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 16,471	$ 16,834	$ -	$0	$0	$0	$0	$0	$16,834
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 20,746	$ 21,202	$ -	$0	$0	$0	$0	$0	$21,202
Merriwa	Reticulation	8 William Street	1/07/1970 00:00:00	1970	$ 4,411	$ 4,508	$ -	$0	$0	$0	$0	$0	$4,508
Merriwa	Reticulation	3-5 William Street	1/07/1970 00:00:00	1970	$ 25,188	$ 25,742	$ -	$0	$0	$0	$0	$0	$25,742
Merriwa	Reticulation	7-15 William Street	1/07/1970 00:00:00	1970	$ 20,882	$ 21,341	$ -	$0	$0	$0	$0	$0	$21,341
Merriwa	Reticulation	Bettington Street	1/07/1970 00:00:00	1970	$ 29,032	$ 29,671	$ -	$0	$0	$0	$0	$0	$29,671
Merriwa	Reticulation	Brisbane Street	1/07/1970 00:00:00	1970	$ 20,446	$ 20,896	$ -	$0	$0	$0	$0	$0	$20,896
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 13,858	$ 14,163	$ -	$0	$0	$0	$0	$0	$14,163
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 2,369	$ 2,421	$ -	$0	$0	$0	$0	$0	$2,421
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 13,613	$ 13,912	$ -	$0	$0	$0	$0	$0	$13,912
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 18,758	$ 19,171	$ -	$0	$0	$0	$0	$0	$19,171
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 27,020	$ 27,615	$ -	$0	$0	$0	$0	$0	$27,615
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 28,457	$ 29,083	$ -	$0	$0	$0	$0	$0	$29,083
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 19,003	$ 19,421	$ -	$0	$0	$0	$0	$0	$19,421
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 18,540	$ 18,948	$ -	$0	$0	$0	$0	$0	$18,948
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 7,351	$ 7,513	$ -	$0	$0	$0	$0	$0	$7,513
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 17,506	$ 17,891	$ -	$0	$0	$0	$0	$0	$17,891
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 16,226	$ 16,583	$ -	$0	$0	$0	$0	$0	$16,583
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 12,932	$ 13,217	$ -	$0	$0	$0	$0	$0	$13,217
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 13,259	$ 13,550	$ -	$0	$0	$0	$0	$0	$13,550
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 14,348	$ 14,663	$ -	$0	$0	$0	$0	$0	$14,663
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 13,531	$ 13,829	$ -	$0	$0	$0	$0	$0	$13,829
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 13,232	$ 13,523	$ -	$0	$0	$0	$0	$0	$13,523
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 10,945	$ 11,185	$ -	$0	$0	$0	$0	$0	$11,185
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 8,408	$ 8,593	$ -	$0	$0	$0	$0	$0	$8,593
Merriwa	Reticulation	38 William Street	1/07/1981 00:00:00	1981	$ 19,330	$ 19,755	$ -	$0	$0	$0	$0	$0	$19,755
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 16,499	$ 16,862	$ -	$0	$0	$0	$0	$0	$16,862
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 15,437	$ 15,776	$ -	$0	$0	$0	$0	$0	$15,776
Merriwa	Reticulation	27-29 William Street	1/07/1981 00:00:00	1981	$ 12,251	$ 12,521	$ -	$0	$0	$0	$0	$0	$12,521
Merriwa	Reticulation		1/07/1981 00:00:00	1981	$ 15,165	$ 15,498	$ -	$0	$0	$0	$0	$0	$15,498
Merriwa	Reticulation	37-41 William Street	1/07/1981 00:00:00	1981	$ 14,429	$ 14,747	$ -	$0	$0	$0	$0	$0	$14,747
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 22,025	$ 22,510	$ -	$0	$0	$0	$0	$0	$22,510
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 21,998	$ 22,482	$ -	$0	$0	$0	$0	$0	$22,482
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 21,699	$ 22,176	$ -	$0	$0	$0	$0	$0	$22,176
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 21,916	$ 22,399	$ -	$0	$0	$0	$0	$0	$22,399
Merriwa	Reticulation	King George V Ave	1/07/1970 00:00:00	1970	$ 6,725	$ 6,873	$ -	$0	$0	$0	$0	$0	$6,873
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 9,964	$ 10,184	$ -	$0	$0	$0	$0	$0	$10,184
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 19,160	$ 19,582	$ -	$0	$0	$0	$0	$0	$19,582
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 22,134	$ 22,621	$ -	$0	$0	$0	$0	$0	$22,621
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 17,606	$ 17,994	$ -	$0	$0	$0	$0	$0	$17,994
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 20,229	$ 20,674	$ -	$0	$0	$0	$0	$0	$20,674
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,918	$ 22,400	$ -	$0	$0	$0	$0	$0	$22,400
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 18,145	$ 18,544	$ -	$0	$0	$0	$0	$0	$18,544
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,671	$ 22,148	$ -	$0	$0	$0	$0	$0	$22,148
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 19,003	$ 19,421	$ -	$0	$0	$0	$0	$0	$19,421
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,944	$ 22,426	$ -	$0	$0	$0	$0	$0	$22,426
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 29,356	$ 30,002	$ -	$0	$0	$0	$0	$0	$30,002
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 18,720	$ 19,132	$ -	$0	$0	$0	$0	$0	$19,132
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 19,259	$ 19,683	$ -	$0	$0	$0	$0	$0	$19,683
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 17,887	$ 18,281	$ -	$0	$0	$0	$0	$0	$18,281
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 6,235	$ 6,372	$ -	$0	$0	$0	$0	$0	$6,372
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 19,058	$ 19,477	$ -	$0	$0	$0	$0	$0	$19,477
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 17,914	$ 18,308	$ -	$0	$0	$0	$0	$0	$18,308

Table 1: Upper Hunter Shire Council Existing Sewerage Assets

Service Area	Asset Type	Asset Description	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone	Aberdeen	Merriwa	Murrurundi	Assets Excluded
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 20,120	$ 20,562	$ -	$0	$0	$0	$0	$0	$20,562
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 15,594	$ 15,937	$ -	$0	$0	$0	$0	$0	$15,937
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 19,654	$ 20,087	$ -	$0	$0	$0	$0	$0	$20,087
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 14,974	$ 15,303	$ -	$0	$0	$0	$0	$0	$15,303
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 6,316	$ 6,455	$ -	$0	$0	$0	$0	$0	$6,455
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 9,801	$ 10,017	$ -	$0	$0	$0	$0	$0	$10,017
Merriwa	Reticulation	Macartney Street	1/07/1970 00:00:00	1970	$ 16,172	$ 16,528	$ -	$0	$0	$0	$0	$0	$16,528
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 10,155	$ 10,378	$ -	$0	$0	$0	$0	$0	$10,378
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 8,467	$ 8,653	$ -	$0	$0	$0	$0	$0	$8,653
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 14,348	$ 14,663	$ -	$0	$0	$0	$0	$0	$14,663
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 14,566	$ 14,886	$ -	$0	$0	$0	$0	$0	$14,886
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 18,540	$ 18,948	$ -	$0	$0	$0	$0	$0	$18,948
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 14,892	$ 15,220	$ -	$0	$0	$0	$0	$0	$15,220
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,944	$ 22,426	$ -	$0	$0	$0	$0	$0	$22,426
Merriwa	Reticulation	Dutton Street	1/07/1970 00:00:00	1970	$ 4,385	$ 4,481	$ -	$0	$0	$0	$0	$0	$4,481
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 18,253	$ 18,655	$ -	$0	$0	$0	$0	$0	$18,655
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 18,505	$ 18,912	$ -	$0	$0	$0	$0	$0	$18,912
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 16,564	$ 16,929	$ -	$0	$0	$0	$0	$0	$16,929
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 30,290	$ 30,956	$ -	$0	$0	$0	$0	$0	$30,956
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 6,180	$ 6,316	$ -	$0	$0	$0	$0	$0	$6,316
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 18,187	$ 18,587	$ -	$0	$0	$0	$0	$0	$18,587
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,780	$ 22,259	$ -	$0	$0	$0	$0	$0	$22,259
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 14,337	$ 14,652	$ -	$0	$0	$0	$0	$0	$14,652
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 28,996	$ 29,634	$ -	$0	$0	$0	$0	$0	$29,634
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,808	$ 22,287	$ -	$0	$0	$0	$0	$0	$22,287
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 9,964	$ 10,184	$ -	$0	$0	$0	$0	$0	$10,184
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 8,467	$ 8,653	$ -	$0	$0	$0	$0	$0	$8,653
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 6,725	$ 6,873	$ -	$0	$0	$0	$0	$0	$6,873
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 7,051	$ 7,206	$ -	$0	$0	$0	$0	$0	$7,206
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 3,022	$ 3,089	$ -	$0	$0	$0	$0	$0	$3,089
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 13,474	$ 13,771	$ -	$0	$0	$0	$0	$0	$13,771
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 13,366	$ 13,660	$ -	$0	$0	$0	$0	$0	$13,660
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 7,402	$ 7,565	$ -	$0	$0	$0	$0	$0	$7,565
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 22,708	$ 23,208	$ -	$0	$0	$0	$0	$0	$23,208
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 25,906	$ 26,476	$ -	$0	$0	$0	$0	$0	$26,476
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 22,570	$ 23,066	$ -	$0	$0	$0	$0	$0	$23,066
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 19,738	$ 20,173	$ -	$0	$0	$0	$0	$0	$20,173
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 4,901	$ 5,008	$ -	$0	$0	$0	$0	$0	$5,008
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 5,799	$ 5,927	$ -	$0	$0	$0	$0	$0	$5,927
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 14,130	$ 14,441	$ -	$0	$0	$0	$0	$0	$14,441
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 5,309	$ 5,426	$ -	$0	$0	$0	$0	$0	$5,426
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 9,120	$ 9,321	$ -	$0	$0	$0	$0	$0	$9,321
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 17,678	$ 18,067	$ -	$0	$0	$0	$0	$0	$18,067
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 11,390	$ 11,641	$ -	$0	$0	$0	$0	$0	$11,641
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,810	$ 22,290	$ -	$0	$0	$0	$0	$0	$22,290
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 29,356	$ 30,002	$ -	$0	$0	$0	$0	$0	$30,002
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 25,403	$ 25,962	$ -	$0	$0	$0	$0	$0	$25,962
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 8,120	$ 8,299	$ -	$0	$0	$0	$0	$0	$8,299
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 20,157	$ 20,601	$ -	$0	$0	$0	$0	$0	$20,601
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 24,757	$ 25,301	$ -	$0	$0	$0	$0	$0	$25,301
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 21,916	$ 22,399	$ -	$0	$0	$0	$0	$0	$22,399
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 7,977	$ 8,153	$ -	$0	$0	$0	$0	$0	$8,153
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 14,121	$ 14,432	$ -	$0	$0	$0	$0	$0	$14,432
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 13,474	$ 13,771	$ -	$0	$0	$0	$0	$0	$13,771
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 7,759	$ 7,930	$ -	$0	$0	$0	$0	$0	$7,930
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 17,534	$ 17,920	$ -	$0	$0	$0	$0	$0	$17,920
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 12,769	$ 13,050	$ -	$0	$0	$0	$0	$0	$13,050
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 8,331	$ 8,514	$ -	$0	$0	$0	$0	$0	$8,514
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 15,056	$ 15,387	$ -	$0	$0	$0	$0	$0	$15,387
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 15,110	$ 15,442	$ -	$0	$0	$0	$0	$0	$15,442
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 12,932	$ 13,217	$ -	$0	$0	$0	$0	$0	$13,217
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 10,061	$ 10,282	$ -	$0	$0	$0	$0	$0	$10,282
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 17,914	$ 18,308	$ -	$0	$0	$0	$0	$0	$18,308
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 16,798	$ 17,168	$ -	$0	$0	$0	$0	$0	$17,168
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 5,472	$ 5,593	$ -	$0	$0	$0	$0	$0	$5,593
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 4,923	$ 5,031	$ -	$0	$0	$0	$0	$0	$5,031
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 4,923	$ 5,031	$ -	$0	$0	$0	$0	$0	$5,031
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 11,893	$ 12,155	$ -	$0	$0	$0	$0	$0	$12,155

Table 1: Upper Hunter Shire Council Existing Sewerage Assets

Service Area	Asset Type	Asset Description	Date of Commissioned	Year of Commissioning	Current Replacement Cost 2015 $	Current Replacement Cost 2015/16 $	Assets excluding reticulation	Assets excluding pre 1985	Scone	Aberdeen	Merriwa	Murrurundi	Assets Excluded
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 17,070	$ 17,446	$ -	$0	$0	$0	$0	$0	$17,446
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 7,296	$ 7,457	$ -	$0	$0	$0	$0	$0	$7,457
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 20,038	$ 20,479	$ -	$0	$0	$0	$0	$0	$20,479
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 2,505	$ 2,560	$ -	$0	$0	$0	$0	$0	$2,560
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 5,282	$ 5,398	$ -	$0	$0	$0	$0	$0	$5,398
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 7,705	$ 7,874	$ -	$0	$0	$0	$0	$0	$7,874
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 9,558	$ 9,768	$ -	$0	$0	$0	$0	$0	$9,768
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 8,168	$ 8,347	$ -	$0	$0	$0	$0	$0	$8,347
Merriwa	Reticulation		1/07/1975 00:00:00	1975	$ 20,909	$ 21,369	$ -	$0	$0	$0	$0	$0	$21,369
Merriwa	Reticulation		1/07/1975 00:00:00	1975	$ 10,482	$ 10,712	$ -	$0	$0	$0	$0	$0	$10,712
Merriwa	Reticulation		1/07/1975 00:00:00	1975	$ 20,718	$ 21,174	$ -	$0	$0	$0	$0	$0	$21,174
Merriwa	Reticulation		1/07/1975 00:00:00	1975	$ 15,763	$ 16,110	$ -	$0	$0	$0	$0	$0	$16,110
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 11,108	$ 11,352	$ -	$0	$0	$0	$0	$0	$11,352
Merriwa	Reticulation		1/07/1970 00:00:00	1970	$ 9,845	$ 10,062	$ -	$0	$0	$0	$0	$0	$10,062
Merriwa	Reticulation		1/07/1976 00:00:00	1976	$ 12,006	$ 12,271	$ -	$0	$0	$0	$0	$0	$12,271
Merriwa	Reticulation		1/07/1976 00:00:00	1976	$ 10,945	$ 11,185	$ -	$0	$0	$0	$0	$0	$11,185
Merriwa	Reticulation		1/07/1985 00:00:00	1985	$ 11,571	$ 11,825	$ -	$0	$0	$0	$0	$0	$11,825
Merriwa	Reticulation		1/07/1985 00:00:00	1985	$ 1,342	$ 1,372	$ -	$0	$0	$0	$0	$0	$1,372
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 21,617	$ 22,092	$ -	$0	$0	$0	$0	$0	$22,092
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 6,834	$ 6,984	$ -	$0	$0	$0	$0	$0	$6,984
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 16,880	$ 17,251	$ -	$0	$0	$0	$0	$0	$17,251
Merriwa	Reticulation	34 Collins St	1/07/1994 00:00:00	1994	$ 17,424	$ 17,808	$ -	$0	$0	$0	$0	$0	$17,808
Merriwa	Reticulation	13-17 Collins St	1/07/1994 00:00:00	1994	$ 11,707	$ 11,964	$ -	$0	$0	$0	$0	$0	$11,964
Merriwa	Reticulation	30-32 Collins St	1/07/1994 00:00:00	1994	$ 12,660	$ 12,938	$ -	$0	$0	$0	$0	$0	$12,938
Merriwa	Reticulation	26-28 Collins St	1/07/1994 00:00:00	1994	$ 12,850	$ 13,133	$ -	$0	$0	$0	$0	$0	$13,133
Merriwa	Reticulation	34-38 Collins St	1/07/1994 00:00:00	1994	$ 5,990	$ 6,121	$ -	$0	$0	$0	$0	$0	$6,121
Merriwa	Reticulation	7-13 Collins St	1/07/1994 00:00:00	1994	$ 17,315	$ 17,696	$ -	$0	$0	$0	$0	$0	$17,696
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 28,205	$ 28,826	$ -	$0	$0	$0	$0	$0	$28,826
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 5,527	$ 5,648	$ -	$0	$0	$0	$0	$0	$5,648
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 21,045	$ 21,508	$ -	$0	$0	$0	$0	$0	$21,508
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 5,826	$ 5,954	$ -	$0	$0	$0	$0	$0	$5,954
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 14,811	$ 15,136	$ -	$0	$0	$0	$0	$0	$15,136
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 14,838	$ 15,164	$ -	$0	$0	$0	$0	$0	$15,164
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 14,974	$ 15,303	$ -	$0	$0	$0	$0	$0	$15,303
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 17,696	$ 18,086	$ -	$0	$0	$0	$0	$0	$18,086
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 16,335	$ 16,695	$ -	$0	$0	$0	$0	$0	$16,695
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 21,559	$ 22,033	$ -	$0	$0	$0	$0	$0	$22,033
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 27,225	$ 27,824	$ -	$0	$0	$0	$0	$0	$27,824
Merriwa	Reticulation		1/07/1995 00:00:00	1995	$ 11,271	$ 11,519	$ -	$0	$0	$0	$0	$0	$11,519
Merriwa	Reticulation		1/07/1995 00:00:00	1995	$ 12,251	$ 12,521	$ -	$0	$0	$0	$0	$0	$12,521
Merriwa	Reticulation		1/07/1988 00:00:00	1988	$ 719	$ 735	$ -	$0	$0	$0	$0	$0	$735
Merriwa	Reticulation		1/07/1988 00:00:00	1988	$ 16,262	$ 16,619	$ -	$0	$0	$0	$0	$0	$16,619
Merriwa	Reticulation		1/07/1988 00:00:00	1988	$ 15,273	$ 15,609	$ -	$0	$0	$0	$0	$0	$15,609
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 4,566	$ 4,666	$ -	$0	$0	$0	$0	$0	$4,666
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 13,428	$ 13,723	$ -	$0	$0	$0	$0	$0	$13,723
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 9,243	$ 9,446	$ -	$0	$0	$0	$0	$0	$9,446
Merriwa	Reticulation		1/07/1994 00:00:00	1994	$ 496	$ 506	$ -	$0	$0	$0	$0	$0	$506
Merriwa	Reticulation	15-17 Collins St	1/07/1994 00:00:00	1994	$ 11,911	$ 12,173	$ -	$0	$0	$0	$0	$0	$12,173
Merriwa	Reticulation	7-9 Scully Close	1/07/1994 00:00:00	1994	$ 23,406	$ 23,921	$ -	$0	$0	$0	$0	$0	$23,921
Merriwa	Reticulation	5-6 Scully Close	1/07/1994 00:00:00	1994	$ 19,474	$ 19,903	$ -	$0	$0	$0	$0	$0	$19,903
Merriwa	Reticulation		1/07/2007 00:00:00	2007	$ 24,001	$ 24,529	$ -	$0	$0	$0	$0	$0	$24,529
Merriwa	Reticulation		1/07/2005 00:00:00	2005	$ 12,796	$ 13,077	$ -	$0	$0	$0	$0	$0	$13,077
Merriwa	Reticulation		1/07/2006 00:00:00	2006	$ 11,979	$ 12,243	$ -	$0	$0	$0	$0	$0	$12,243
Merriwa	Reticulation		1/07/2007 00:00:00	2007	$ 26,403	$ 26,984	$ -	$0	$0	$0	$0	$0	$26,984
Merriwa	Reticulation		1/07/2007 00:00:00	2007	$ 17,603	$ 17,990	$ -	$0	$0	$0	$0	$0	$17,990
Merriwa	Reticulation	Scully Close/Hall Rd	8/02/2008 00:00:00	2008	$ 23,005	$ 23,512	$ -	$0	$0	$0	$0	$0	$23,512
Merriwa	Reticulation	111 Hall Rd	8/02/2008 00:00:00	2008	$ 8,168	$ 8,347	$ -	$0	$0	$0	$0	$0	$8,347
Merriwa	Sewer Treatment Works	Site Works	1/01/1970 00:00:00	1970	$ 379,888	$ 388,246	$ 388,246	$0	$0	$0	$0	$0	$388,246
Merriwa	Sewer Treatment Works	Prelim treatment non-mec	1/01/1970 00:00:00	1970	$ 104,469	$ 106,768	$ 106,768	$0	$0	$0	$0	$0	$106,768
Merriwa	Sewer Treatment Works	Sludge Lagoons	1/01/1970 00:00:00	1970	$ 126,629	$ 129,415	$ 129,415	$0	$0	$0	$0	$0	$129,415
Merriwa	Sewer Treatment Works	Effluent Ponds	1/01/1970 00:00:00	1970	$ 237,430	$ 242,654	$ 242,654	$0	$0	$0	$0	$0	$242,654
Merriwa	Sewer Treatment Works	Trickle Filter	1/01/1970 00:00:00	1970	$ 1,424,581	$ 1,455,922	$ 1,455,922	$0	$0	$0	$0	$0	$1,455,922
Merriwa	Sewer Treatment Works	Additional Drying Bed (2007)	30/06/2007 00:00:00	2007	$ 18,710	$ 19,121	$ 19,121	$19,121	$0	$0	$19,121	$0	$0
Merriwa	Sewer Treatment Works	2nd Storage Shed at STW site (2009)	30/06/2007 00:00:00	2007	$ 3,857	$ 3,941	$ 3,941	$3,941	$0	$0	$3,941	$0	$0
Merriwa	Sewer Treatment Works	2 x Standby Cutter Pumps (2009)	30/05/2009 00:00:00	2009	$ 10,499	$ 10,730	$ 10,730	$10,730	$0	$0	$10,730	$0	$0
Merriwa	Sewer Treatment Works	Replace Grinder Pumps x 2 (2013)	30/06/2013 00:00:00	2013	$ 7,573	$ 7,740	$ 7,740	$7,740	$0	$0	$7,740	$0	$0
Merriwa	Sewer Treatment Works	SPS Pump replacement (2013)	30/06/2013 00:00:00	2013	$ 7,824	$ 7,996	$ 7,996	$7,996	$0	$0	$7,996	$0	$0

30 years Capital Works Program

Table 2: Upper Hunter Shire Council Sewerage Capital

All values are in year 2015/16 ($)

Project	New Works	Renewals	Project Total	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
Scone													
Full Mains Replacements		100%	**293,500**	43000		45000		48000	50000		52000	55500	
Sewer Relining plus Dig Ups		100%	**1,500,000**	680000	50000	170000	140000			220000			240000
CCTV Survey sewer pipelines		100%	**473,000**	61000	61000	61000	30000	30000	30000	80000	40000	40000	40000
Sewer Dig Up Repair Junctions/Pipe		100%	**290,000**	50000	50000	50000	50000	18000	18000	18000	18000	18000	
Manhole Replacements/Improvements	50%	50%	**50,000**		20000			10000			10000		10000
New Main Extensions	100%		**195,000**		35000	20000	20000	20000	20000	20000	20000	20000	20000
225 mm pipe extension Hill Street Construction	100%		**36,500**	36500									
Pump Station renewals		100%	**585,429**		55000	66000	66347	66347	66347	66347	66347	66347	66347
All P/S Concrete Attack & pipework repairs, valves, lids		100%	**134,526**		22000	15000	13921	13921	13921	13921	13921	13921	14000
Failed Manhole Replacement		100%	**12,500**		12500								
Internal pipework and corrosion protection		100%	**106,768**		106768								
Construct temp collection well and pipes		100%	**121,347**		121347								
Diversion pump, electrical board		100%	**37,921**		37921								
Rebuild switchboard for pumps inc speed control		100%	**61,347**		61347								
Pump replacements incl S/S rails, plinth and float switches		100%	**97,921**		97921								
Moobi Rd Pump ststion replacement	100%		**820,000**										820000
Aerator gearboxes and electrical		100%	**97,000**	45000	52000								
Replacement of Step Screen		100%	**80,000**			80000							
Other		100%	**170,000**			50000	30000	30000	20000	10000	10000	10000	10000
Scone new STP	100%		**4,383,100**		62000	1000000	2321100	1000000					
STP Screenings and grit removal	100%		**75,000**									75000	
Replace Sewer Rising Mains		100%	**500,000**				250000					250000	
Pump Station Mag Flow Meters Moobi road	100%		**25,000**	25000									
Pump Station Mag Flow Meters Aberdeen Street	100%		**0**										
Pump Station Mag Flow Meters Joan Street	100%		**25,000**		25000								
Pump Station Mag Flow Meters Gray Street	100%		**20,000**								20000		
Pump Station Mag Flow Meters Racecourse	100%		**0**										
Pump Station Mag Flow Meters Airport	100%		**0**										
Pump Station Mag Flow Minor	100%		**0**										
Effluent Reuse Schemes	100%		**645,000**					580000					65000
			0										
			0										
Aberdeen													
Full Mains Replacements		100%	**68,309**	10000		10609.0		11000.0	11500.0		12500.0	12700.0	
Sewer Relining plus Dig Ups		100%	**668,800**	275000	73,800	90,000	100,000			50,000			80,000
CCTV Survey sewer pipelines		100%	**150,000**	20000	20000	20000	10000	10000	10000	24000	12000	12000	12000
Sewer Dig Up Repair Junctions/Pipe		100%	**84,000**	16000.0	16000.0	16000	16000	4000	4000	4000	4000	4000	
Manhole Replacements/Improvements	50%	50%	**50,000**		20000			10000			10000		10000
Pump Station renewals		100%	**230,000**		30000	25000	25000	25000	25000	25000	25000	25000	25000
All P/S Concrete Attack & pipework repairs, valves, lids		100%	**86,000**		8000	8000	10000	10000	10000	10000	10000	10000	10000
Baffle Replacement for Sludge Lagoons		100%	**40,125**	40125.0									
Other -STP		100%	**130,000**			25000.0	20000.0	20000.0	25000.0	10000.0	10000.0	10000.0	10000.0
Pump Station Mag Flow Meters- Number 1 Perth Street	100%		**20,000**					20000					
Pump Station Mag Flow Meters- Number 2 NEHwy	100%		**20,000**						20000.0				
Pump Station Mag Flow Meters- Number 3 NEWwy	100%		**20,000**							20000.0			
Merriwa													
Full Mains Replacements		100%	**59,018**	8500		9018		10000	10000		10500	11000	
Sewer Relining plus Dig Ups		100%	**225,000**	40000	60000	30000	40000			25000			30000
CCTV Survey sewer pipelines		100%	**150,500**	27000	27000	27000	8000	8000	8000	15500	10000	10000	10000
Sewer Dig Up Repair Junctions/Pipe		100%	**68,000**	12000	12000	12000	12000	4000	4000	4000	4000	4000	
Manhole Replacements/Improvemer	50%	50%	**25,000**		10000	15000							
Pump Station renewals		100%	**135,000**		15000	15000	15000	15000	15000	15000	15000	15000	15000
All P/S Concrete Attack & pipework repairs, valves, lids		100%	**61,500**		6000	6000	7000	7000	7000	7000	7000	7000	7500
STP Renewals-Other		100%	**95,000**			5000	20000	20000	20000	7500	7500	7500	7500
Pre feasability for STP replacement		100%	**75,000**									75000	
Pump Station Mag Flow Meters	100%		**20,000**				20000						
Murrurundi													
Full Mains Replacements		100%	**59,018**	8500		9018		10000	10000		10500	11000	
Sewer Relining plus Dig Ups		100%	**222,000**	37000	60000	30000	40000			25000			30000
CCTV Survey sewer pipelines		100%	**150,500**	27000	27000	27000	8000	8000	8000	15500	10000	10000	10000
Sewer Dig Up Repair Junctions/Pipe		100%	**68,000**	12000	12000	12000	12000	4000	4000	4000	4000	4000	
Manhole Replacements/Improvemer	50%	50%	**60,000**		20000								40000
Pump Station renewals		100%	**140,000**		20000	15000	15000	15000	15000	15000	15000	15000	15000
All P/S Concrete Attack & pipework repairs, valves, lids		100%	**61,500**		6000	6000	7000	7000	7000	7000	7000	7000	7500
other -STP		100%	**85,000**			5000	15000	15000	20000	7500	7500	7500	7500
Pre feasability for STP replacement		100%	**0**										
Pump Station Mag Flow Meters- Pages River Park	100%		**20,000**			20000							
Pump Station Mag Flow Meters- Small Unit near retirement village	100%		**0**										
Cassilis													
New Sewer Treatment Facility	100%		**2,200,000**			500000	1500000	200000					
			0										
			16,383,128	**1,473,625**	**1,312,604**	**2,494,644**	**4,821,368**	**2,249,268**	**451,768**	**719,268**	**441,768**	**806,468**	**1,612,347**

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		2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
New Works	**$ 8,617,100**	61,500	157,000	1,547,500	3,861,100	1,830,000	40,000	40,000	50,000	95,000	935,000
Renewals	**$ 7,766,028**	1,412,125	1,155,604	947,144	960,268	419,268	411,768	679,268	391,768	711,468	677,347
Total	**$ 16,383,128**	**$ 1,473,625**	**$ 1,312,604**	**$ 2,494,644**	**$ 4,821,368**	**$ 2,249,268**	**$451,768**	**$ 719,268**	**$ 441,768**	**$806,468**	**$1,612,347**

Table 3: Upper Hunter Shire Council Sewerage Capital Charge Calculations

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	works for renewals utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)		Total ET	New ETs per year	PV of new ETs (@3%)	PV of new ETs (@5%)	Capital Charge per ET (2015/16$)
												Growth rate				
Scone						15.6%						0.34%				
Existing																
Assets commissioned in	1985	1996	$1,204,371				$188,227.44	3%	1.00	$188,227						
Assets commissioned in	1986	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1987	1996	$6,275,941				$980,848	3%	1.00	$980,848						
Assets commissioned in	1988	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1989	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1990	1996	$256,334				$40,062	3%	1.00	$40,062						
Assets commissioned in	1991	1996	$339,497				$53,059	3%	1.00	$53,059						
Assets commissioned in	1992	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1993	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1994	1996	$0				$0	3%	1.00	$0		2603				
Assets commissioned in	1995	1996	$1,393,798				$217,832	3%	1.00	$217,832		2612	9	9	9	
Subtotal (Assets pre-1996)			$ 9,469,941				$ 1,480,028			$ 1,480,028	$ 1,480,028					$ 5,886
Assets commissioned in	1996	1996	$74,328				$11,617	5%	1.00	$11,617		2621	9	9	9	
Assets commissioned in	1997	1997	$195,035				$30,481	5%	0.95	$29,030		2630	9	9	9	
Assets commissioned in	1998	1998	$1,520,807				$237,682.26	5%	0.91	$215,585		2639	9	8	8	
Assets commissioned in	1999	1999	$319,093				$49,870	5%	0.86	$43,080		2648	9	8	8	
Assets commissioned in	2000	2000	$0				$0	5%	0.82	$0		2657	9	8	7	
Assets commissioned in	2001	2001	$0				$0	5%	0.78	$0		2666	9	8	7	
Assets commissioned in	2002	2002	$0				$0	5%	0.75	$0		2675	9	8	7	
Assets commissioned in	2003	2003	$0				$0	5%	0.71	$0		2684	9	7	6	
Assets commissioned in	2004	2004	$110,954				$17,341	5%	0.68	$11,737		2693	9	7	6	
Assets commissioned in	2005	2005	$137,860				$21,546	5%	0.64	$13,889		2703	9	7	6	
Assets commissioned in	2006	2006	$715,407				$111,809	5%	0.61	$68,641		2712	9	7	6	
Assets commissioned in	2007	2007	$86,463				$13,513	5%	0.58	$7,901		2721	9	7	5	
Assets commissioned in	2008	2008	$69,918				$10,927	5%	0.56	$6,085		2730	9	7	5	
Assets commissioned in	2009	2009	$342,872				$53,586	5%	0.53	$28,418		2740	9	6	5	
Assets commissioned in	2010	2010	$0				$0	5%	0.51	$0		2749	9	6	5	
Assets commissioned in	2011	2011	$143,557				$22,436	5%	0.48	$10,792		2758	9	6	5	
Assets commissioned in	2012	2012	$41,902				$6,549	5%	0.46	$3,000		2768	9	6	4	
Assets commissioned in	2013	2013	$137,696				$21,520.07	5%	0.44	$9,389		2777	9	6	4	
Assets commissioned in	2014	2014	$192,527				$30,089.52	5%	0.42	$12,503		2787	9	6	4	
Assets commissioned in	2015	2015	$734,800				$114,839.60	5%	0.40	$45,446		2796	10	5	4	
			$ 4,823,218				$ 753,806				$ 517,111					
Future																
Assets planned in 2015/16	2016	2016		$879,000	$61,500		$146,988	5%	0.38	$55,398		2806	10	5	4	
Assets planned in 2016/17	2017	2017		$737,804	$132,000		$135,939	5%	0.36	$48,794		2815	10	5	3	
Assets planned in 2017/18	2018	2018		$537,000	$1,020,000		$243,339	5%	0.34	$83,185		2825	10	5	3	
Assets planned in 2018/19	2019	2019		$580,268	$2,341,100		$456,572	5%	0.33	$148,647		2834	10	5	3	
Assets planned in 2019/20	2020	2020		$211,268	$1,605,000		$283,859	5%	0.31	$88,016		2844	10	5	3	
Assets planned in 2020/21	2021	2021		$198,268	$20,000		$34,112	5%	0.30	$10,073		2854	10	5	3	
Assets planned in 2021/22	2022	2022		$408,268	$20,000		$66,933	5%	0.28	$18,824		2863	10	4	3	
Assets planned in 2022/23	2023	2023		$205,268	$45,000		$39,114	5%	0.27	$10,477		2873	10	4	3	
Assets planned in 2023/24	2024	2024		$453,768	$95,000		$85,765	5%	0.26	$21,878		2883	10	4	2	
Assets planned in 2024/25	2025	2025		$375,347	$910,000		$200,883	5%	0.24	$48,804		2893	10	4	2	
Assets planned in 2025/26	2026	2026		$0	$0		$0	5%	0.23	$0		2903	10	4	2	
Assets planned in 2026/27	2027	2027		$0	$0		$0	5%	0.22	$0		2912	10	4	2	
Assets planned in 2027/28	2028	2028		$0	$0		$0	5%	0.21	$0		2922	10	4	2	
Assets planned in 2028/29	2029	2029		$0	$0		$0	5%	0.20	$0		2932	10	4	2	
Assets planned in 2029/30	2030	2030		$0	$0		$0	5%	0.19	$0		2942	10	4	2	
Assets planned in 2030/31	2031	2031		$0	$0		$0	5%	0.18	$0		2952	10	4	2	
Assets planned in 2031/32	2032	2032		$0	$0		$0	5%	0.17	$0		2962	10	3	2	
Assets planned in 2032/33	2033	2033		$0	$0		$0	5%	0.16	$0		2972	10	3	2	
Assets planned in 2033/34	2034	2034		$0	$0		$0	5%	0.16	$0		2982	10	3	2	
Assets planned in 2034/35	2035	2035		$0	$0		$0	5%	0.15	$0		2993	10	3	2	
Assets planned in 2035/36	2036	2036		$0	$0		$0	5%	0.14	$0		3003	10	3	1	
Assets planned in 2036/37	2037	2037		$0	$0		$0	5%	0.14	$0		3013	10	3	1	
Assets planned in 2037/38	2038	2038		$0	$0		$0	5%	0.13	$0		3023	10	3	1	
Assets planned in 2038/39	2039	2039		$0	$0		$0	5%	0.12	$0		3034	10	3	1	
Assets planned in 2039/40	2040	2040		$0	$0		$0	5%	0.12	$0		3044	10	3	1	
Assets planned in 2040/41	2041	2041		$0	$0		$0	5%	0.11	$0		3054	10	3	1	
Assets planned in 2041/42	2042	2042		$0	$0		$0	5%	0.11	$0		3065	10	3	1	
Assets planned in 2042/43	2043	2043		$0	$0		$0	5%	0.10	$0		3075	10	3	1	
Assets planned in 2043/44	2044	2044		$0	$0		$0	5%	0.10	$0		3085	10	3	1	
Assets planned in 2044/45	2045	2045		$0	$0		$0	5%	0.09	$0		3096	10	2	1	
				$ 4,586,259	$ 6,249,600		$ 1,693,504				$ 534,096		300			
Subtotal (Assets post-1996)										$ 1,051,207			484	251	180	$ 5,844
												TOTAL CAPITAL CHARGE PER ET				$11,730

Table 3: Upper Hunter Shire Council Sewerage Capital Charge Calculations

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	works for renewals utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)		Total ET	New ETs per year	PV of new ETs (@3%)	PV of new ETs (@5%)	Capital Charge per ET (2015/16$)
Aberdeen						11.1%						Growth rate 0.23%				
Existing																
Assets commissioned in	1985	1996	$286,390				$31,692	3%	1.00	$31,692						
Assets commissioned in	1986	1996	$4,749,388				$525,570	3%	1.00	$525,570						
Assets commissioned in	1987	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1988	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1989	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1990	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1991	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1992	1996	$157,337				$17,410.97	3%	1.00	$17,411						
Assets commissioned in	1993	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1994	1996	$0				$0	3%	1.00	$0		808				
Assets commissioned in	1995	1996	$0				$0	3%	1.00	$0		809	2	2	2	
Subtotal (Assets pre-1996)			$ 5,193,114				$ 574,673			**$ 574,673**	$ 574,673					**$ 11,140**
Assets commissioned in	1996	1996	$0				$0	5%	1.00	$0		811	2	2	2	
Assets commissioned in	1997	1997	$0				$0	5%	0.95	$0		813	2	2	2	
Assets commissioned in	1998	1998	$0				$0	5%	0.91	$0		815	2	2	2	
Assets commissioned in	1999	1999	$0				$0	5%	0.86	$0		817	2	2	2	
Assets commissioned in	2000	2000	$0				$0	5%	0.82	$0		819	2	2	2	
Assets commissioned in	2001	2001	$0				$0	5%	0.78	$0		821	2	2	1	
Assets commissioned in	2002	2002	$0				$0	5%	0.75	$0		823	2	2	1	
Assets commissioned in	2003	2003	$0				$0	5%	0.71	$0		825	2	2	1	
Assets commissioned in	2004	2004	$0				$0	5%	0.68	$0		826	2	2	1	
Assets commissioned in	2005	2005	$0				$0	5%	0.64	$0		828	2	1	1	
Assets commissioned in	2006	2006	$0				$0	5%	0.61	$0		830	2	1	1	
Assets commissioned in	2007	2007	$0				$0	5%	0.58	$0		832	2	1	1	
Assets commissioned in	2008	2008	$0				$0	5%	0.56	$0		834	2	1	1	
Assets commissioned in	2009	2009	$0				$0	5%	0.53	$0		836	2	1	1	
Assets commissioned in	2010	2010	$0				$0	5%	0.51	$0		838	2	1	1	
Assets commissioned in	2011	2011	$0				$0	5%	0.48	$0		840	2	1	1	
Assets commissioned in	2012	2012	$41,391				$4,580	5%	0.46	$2,098		842	2	1	1	
Assets commissioned in	2013	2013	$0				$0	5%	0.44	$0		844	2	1	1	
Assets commissioned in	2014	2014	$28,241				$3,125	5%	0.42	$1,299		846	2	1	1	
Assets commissioned in	2015	2015	$97,350				$10,773	5%	0.40	$4,263		848	2	1	1	
			$ 166,983				$ 18,478				$ 7,660					
Future																
Assets planned in 2015/16	2016	2016		$361,125	$0		$39,962	5%	0.38	$15,061		850	2	1	1	
Assets planned in 2016/17	2017	2017		$157,800	$10,000		$18,569	5%	0.36	$6,665		852	2	1	1	
Assets planned in 2017/18	2018	2018		$194,609	$0		$21,536	5%	0.34	$7,362		853	2	1	1	
Assets planned in 2018/19	2019	2019		$181,000	$0		$20,030	5%	0.33	$6,521		855	2	1	1	
Assets planned in 2019/20	2020	2020		$85,000	$25,000		$12,173	5%	0.31	$3,774		857	2	1	1	
Assets planned in 2020/21	2021	2021		$85,500	$20,000		$11,675	5%	0.30	$3,448		859	2	1	1	
Assets planned in 2021/22	2022	2022		$123,000	$20,000		$15,824	5%	0.28	$4,450		861	2	1	1	
Assets planned in 2022/23	2023	2023		$78,500	$5,000		$9,240	5%	0.27	$2,475		863	2	1	1	
Assets planned in 2023/24	2024	2024		$73,700	$0		$8,156	5%	0.26	$2,080		865	2	1	1	
Assets planned in 2024/25	2025	2025		$142,000	$5,000		$16,267	5%	0.24	$3,952		867	2	1	0	
Assets planned in 2025/26	2026	2026		$0	$0		$0	5%	0.23	$0		869	2	1	0	
Assets planned in 2026/27	2027	2027		$0	$0		$0	5%	0.22	$0		871	2	1	0	
Assets planned in 2027/28	2028	2028		$0	$0		$0	5%	0.21	$0		873	2	1	0	
Assets planned in 2028/29	2029	2029		$0	$0		$0	5%	0.20	$0		875	2	1	0	
Assets planned in 2029/30	2030	2030		$0	$0		$0	5%	0.19	$0		877	2	1	0	
Assets planned in 2030/31	2031	2031		$0	$0		$0	5%	0.18	$0		879	2	1	0	
Assets planned in 2031/32	2032	2032		$0	$0		$0	5%	0.17	$0		881	2	1	0	
Assets planned in 2032/33	2033	2033		$0	$0		$0	5%	0.16	$0		883	2	1	0	
Assets planned in 2033/34	2034	2034		$0	$0		$0	5%	0.16	$0		885	2	1	0	
Assets planned in 2034/35	2035	2035		$0	$0		$0	5%	0.15	$0		887	2	1	0	
Assets planned in 2035/36	2036	2036		$0	$0		$0	5%	0.14	$0		890	2	1	0	
Assets planned in 2036/37	2037	2037		$0	$0		$0	5%	0.14	$0		892	2	1	0	
Assets planned in 2037/38	2038	2038		$0	$0		$0	5%	0.13	$0		894	2	1	0	
Assets planned in 2038/39	2039	2039		$0	$0		$0	5%	0.12	$0		896	2	1	0	
Assets planned in 2039/40	2040	2040		$0	$0		$0	5%	0.12	$0		898	2	1	0	
Assets planned in 2040/41	2041	2041		$0	$0		$0	5%	0.11	$0		900	2	1	0	
Assets planned in 2041/42	2042	2042		$0	$0		$0	5%	0.11	$0		902	2	1	0	
Assets planned in 2042/43	2043	2043		$0	$0		$0	5%	0.10	$0		904	2	1	0	
Assets planned in 2043/44	2044	2044		$0	$0		$0	5%	0.10	$0		906	2	1	0	
Assets planned in 2044/45	2045	2045		$0	$0		$0	5%	0.09	$0		908	2	0	0	
				$ 1,482,234	$ 85,000		$ 173,431				$ 55,789		60			
Subtotal (Assets post-1996)										**$ 63,449**			99	52	37	$ 1,713
													TOTAL CAPITAL CHARGE PER ET			$12,854

Table 3: Upper Hunter Shire Council Sewerage Capital Charge Calculations

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	works for renewals utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)		Total ET	New ETs per year	PV of new ETs (@3%)	PV of new ETs (@5%)	Capital Charge per ET (2015/16$)
Merriwa						**20.1%**						Growth rate 0.45%				
Existing																
Assets commissioned in	1985	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1986	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1987	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1988	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1989	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1990	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1991	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1992	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1993	1996	$45,853				$9,235	3%	1.00	$9,235						
Assets commissioned in	1994	1996	$0				$0	3%	1.00	$0		282				
Assets commissioned in	1995	1996	$0				$0.00	3%	1.00	$0		283	1.3	1.3	1.3	
Subtotal (Assets pre-1996)			$ 45,853				$ 9,235			**$ 9,235**	$ 9,235					**$ 251**
Assets commissioned in	1996	1996	$0				$0.00	5%	1.00	$0		284	1.3	1.3	1.3	
Assets commissioned in	1997	1997	$0				$0.00	5%	0.95	$0		285	1.3	1.2	1.2	
Assets commissioned in	1998	1998	$0				$0.00	5%	0.91	$0		287	1.3	1.2	1.2	
Assets commissioned in	1999	1999	$0				$0.00	5%	0.86	$0		288	1.3	1.2	1.1	
Assets commissioned in	2000	2000	$0				$0.00	5%	0.82	$0		289	1.3	1.2	1.1	
Assets commissioned in	2001	2001	$0				$0.00	5%	0.78	$0		291	1.3	1.1	1.0	
Assets commissioned in	2002	2002	$44,985				$9,060.12	5%	0.75	$6,761		292	1.3	1.1	1.0	
Assets commissioned in	2003	2003	$0				$0.00	5%	0.71	$0		293	1.3	1.1	0.9	
Assets commissioned in	2004	2004	$0				$0.00	5%	0.68	$0		295	1.3	1.0	0.9	
Assets commissioned in	2005	2005	$0				$0.00	5%	0.64	$0		296	1.3	1.0	0.9	
Assets commissioned in	2006	2006	$0				$0.00	5%	0.61	$0		297	1.3	1.0	0.8	
Assets commissioned in	2007	2007	$23,063				$4,644.92	5%	0.58	$2,716		299	1.3	1.0	0.8	
Assets commissioned in	2008	2008	$39,528				$7,961.16	5%	0.56	$4,433		300	1.3	0.9	0.8	
Assets commissioned in	2009	2009	$10,730				$2,161.14	5%	0.53	$1,146		301	1.4	0.9	0.7	
Assets commissioned in	2010	2010	$0				$0.00	5%	0.51	$0		303	1.4	0.9	0.7	
Assets commissioned in	2011	2011	$0				$0.00	5%	0.48	$0		304	1.4	0.9	0.7	
Assets commissioned in	2012	2012	$12,264				$2,470.02	5%	0.46	$1,132		305	1.4	0.9	0.6	
Assets commissioned in	2013	2013	$15,735				$3,169.18	5%	0.44	$1,383		307	1.4	0.8	0.6	
Assets commissioned in	2014	2014	$0				$0.00	5%	0.42	$0		308	1.4	0.8	0.6	
Assets commissioned in	2015	2015	$0				$0.00	5%	0.40	$0		310	1.4	0.8	0.6	
			$ 146,306				$ 29,467				$ 17,570					
Future																
Assets planned in 2015/16	2016	2016		$87,500	$0		$17,623	5%	0.38	$6,642		311	1.4	0.8	0.5	
Assets planned in 2016/17	2017	2017		$125,000	$5,000		$26,183	5%	0.36	$9,398		312	1.4	0.8	0.5	
Assets planned in 2017/18	2018	2018		$111,518	$7,500		$23,971	5%	0.34	$8,194		314	1.4	0.7	0.5	
Assets planned in 2018/19	2019	2019		$102,000	$20,000		$24,571	5%	0.33	$8,000		315	1.4	0.7	0.5	
Assets planned in 2019/20	2020	2020		$64,000	$0		$12,890	5%	0.31	$3,997		317	1.4	0.7	0.4	
Assets planned in 2020/21	2021	2021		$64,000	$0		$12,890	5%	0.30	$3,806		318	1.4	0.7	0.4	
Assets planned in 2021/22	2022	2022		$74,000	$0		$14,904	5%	0.28	$4,192		319	1.4	0.7	0.4	
Assets planned in 2022/23	2023	2023		$54,000	$0		$10,876	5%	0.27	$2,913		321	1.4	0.6	0.4	
Assets planned in 2023/24	2024	2024		$129,500	$0		$26,082	5%	0.26	$6,653		322	1.4	0.6	0.4	
Assets planned in 2024/25	2025	2025		$70,000	$0		$14,098	5%	0.24	$3,425		324	1.5	0.6	0.4	
Assets planned in 2025/26	2026	2026		$0	$0		$0	5%	0.23	$0		325	1.5	0.6	0.3	
Assets planned in 2026/27	2027	2027		$0	$0		$0	5%	0.22	$0		327	1.5	0.6	0.3	
Assets planned in 2027/28	2028	2028		$0	$0		$0	5%	0.21	$0		328	1.5	0.6	0.3	
Assets planned in 2028/29	2029	2029		$0	$0		$0	5%	0.20	$0		330	1.5	0.6	0.3	
Assets planned in 2029/30	2030	2030		$0	$0		$0	5%	0.19	$0		331	1.5	0.5	0.3	
Assets planned in 2030/31	2031	2031		$0	$0		$0	5%	0.18	$0		333	1.5	0.5	0.3	
Assets planned in 2031/32	2032	2032		$0	$0		$0	5%	0.17	$0		334	1.5	0.5	0.3	
Assets planned in 2032/33	2033	2033		$0	$0		$0	5%	0.16	$0		336	1.5	0.5	0.2	
Assets planned in 2033/34	2034	2034		$0	$0		$0	5%	0.16	$0		337	1.5	0.5	0.2	
Assets planned in 2034/35	2035	2035		$0	$0		$0	5%	0.15	$0		339	1.5	0.5	0.2	
Assets planned in 2035/36	2036	2036		$0	$0		$0	5%	0.14	$0		340	1.5	0.5	0.2	
Assets planned in 2036/37	2037	2037		$0	$0		$0	5%	0.14	$0		342	1.5	0.5	0.2	
Assets planned in 2037/38	2038	2038		$0	$0		$0	5%	0.13	$0		343	1.5	0.4	0.2	
Assets planned in 2038/39	2039	2039		$0	$0		$0	5%	0.12	$0		345	1.5	0.4	0.2	
Assets planned in 2039/40	2040	2040		$0	$0		$0	5%	0.12	$0		346	1.6	0.4	0.2	
Assets planned in 2040/41	2041	2041		$0	$0		$0	5%	0.11	$0		348	1.6	0.4	0.2	
Assets planned in 2041/42	2042	2042		$0	$0		$0	5%	0.11	$0		349	1.6	0.4	0.2	
Assets planned in 2042/43	2043	2043		$0	$0		$0	5%	0.10	$0		351	1.6	0.4	0.2	
Assets planned in 2043/44	2044	2044		$0	$0		$0	5%	0.10	$0		353	1.6	0.4	0.2	
Assets planned in 2044/45	2045	2045		$0	$0		$0	5%	0.09	$0		354	1.6	0.4	0.1	
				$ 881,518	$ 32,500		$ 184,087				$ 57,220		45			
Subtotal (Assets post-1996)										**$ 74,790**			**71**	**37**	**26**	**$ 2,849**
												TOTAL CAPITAL CHARGE PER ET				**$3,100**

Table 3: Upper Hunter Shire Council Sewerage Capital Charge Calculations

	Year of Commissioning	Effective Year of commissioning	Capital Cost of existing assets ($)	Capital Cost of renewals only ($)	Capital Cost of new assets only ($)	works for renewals utilised by new ETs after 1995/96	Effective Capital Cost ($)	Rate of Return (%)	PV Factor	PV of capital costs (2015/16$)		Total ET	New ETs per year	PV of new ETs (@3%)	PV of new ETs (@5%)	Capital Charge per ET (2015/16$)
Murrurundi						9%					Growth rate	0.18%				
Existing																
Assets commissioned in	1985	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1986	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1987	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1988	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1989	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1990	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1991	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1992	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1993	1996	$0				$0	3%	1.00	$0						
Assets commissioned in	1994	1996	$0				$0	3%	1.00	$0		321				
Assets commissioned in	1995	1996	$7,066				$608	3%	1.00	$608		322	0.6	0.6	0.6	
Subtotal (Assets pre-1996)			$ 7,066				$ 608			**$ 608**	$ 608					**$ 38**
Assets commissioned in	1996	1996	$0				$0	5%	1.00	$0		322	0.6	0.6	0.6	
Assets commissioned in	1997	1997	$35,987				$3,097	5%	0.95	$2,949		323	0.6	0.6	0.6	
Assets commissioned in	1998	1998	$0				$0	5%	0.91	$0		323	0.6	0.5	0.5	
Assets commissioned in	1999	1999	$0				$0	5%	0.86	$0		324	0.6	0.5	0.5	
Assets commissioned in	2000	2000	$0				$0	5%	0.82	$0		324	0.6	0.5	0.5	
Assets commissioned in	2001	2001	$0				$0	5%	0.78	$0		325	0.6	0.5	0.5	
Assets commissioned in	2002	2002	$0				$0	5%	0.75	$0		326	0.6	0.5	0.4	
Assets commissioned in	2003	2003	$0				$0	5%	0.71	$0		326	0.6	0.5	0.4	
Assets commissioned in	2004	2004	$0				$0	5%	0.68	$0		327	0.6	0.5	0.4	
Assets commissioned in	2005	2005	$0				$0	5%	0.64	$0		327	0.6	0.5	0.4	
Assets commissioned in	2006	2006	$0				$0	5%	0.61	$0		328	0.6	0.4	0.4	
Assets commissioned in	2007	2007	$11,677				$1,005	5%	0.58	$588		329	0.6	0.4	0.3	
Assets commissioned in	2008	2008	$0				$0	5%	0.56	$0		329	0.6	0.4	0.3	
Assets commissioned in	2009	2009	$412,765				$35,520	5%	0.53	$18,837		330	0.6	0.4	0.3	
Assets commissioned in	2010	2010	$0				$0	5%	0.51	$0		330	0.6	0.4	0.3	
Assets commissioned in	2011	2011	$24,543				$2,112	5%	0.48	$1,016		331	0.6	0.4	0.3	
Assets commissioned in	2012	2012	$0				$0	5%	0.46	$0		332	0.6	0.4	0.3	
Assets commissioned in	2013	2013	$35,965				$3,095	5%	0.44	$1,350		332	0.6	0.4	0.3	
Assets commissioned in	2014	2014	$0				$0	5%	0.42	$0		333	0.6	0.4	0.2	
Assets commissioned in	2015	2015	$40,548				$3,489	5%	0.40	$1,381		333	0.6	0.3	0.2	
			$ 561,485				$ 48,318				$ 26,121					
Future																
Assets planned in 2015/16	2016	2016		$84,500	$0		$7,272	5%	0.38	$2,741		334	0.6	0.3	0.2	
Assets planned in 2016/17	2017	2017		$135,000	$10,000		$12,478	5%	0.36	$4,479		335	0.6	0.3	0.2	
Assets planned in 2017/18	2018	2018		$104,018	$20,000		$10,672	5%	0.34	$3,648		335	0.6	0.3	0.2	
Assets planned in 2018/19	2019	2019		$97,000	$0		$8,347	5%	0.33	$2,718		336	0.6	0.3	0.2	
Assets planned in 2019/20	2020	2020		$59,000	$0		$5,077	5%	0.31	$1,574		336	0.6	0.3	0.2	
Assets planned in 2020/21	2021	2021		$64,000	$0		$5,507	5%	0.30	$1,626		337	0.6	0.3	0.2	
Assets planned in 2021/22	2022	2022		$74,000	$0		$6,368	5%	0.28	$1,791		338	0.6	0.3	0.2	
Assets planned in 2022/23	2023	2023		$54,000	$0		$4,647	5%	0.27	$1,245		338	0.6	0.3	0.2	
Assets planned in 2023/24	2024	2024		$54,500	$0		$4,690	5%	0.26	$1,196		339	0.6	0.3	0.2	
Assets planned in 2024/25	2025	2025		$90,000	$20,000		$9,466	5%	0.24	$2,300		339	0.6	0.3	0.1	
Assets planned in 2025/26	2026	2026		$0	$0		$0	5%	0.23	$0		340	0.6	0.3	0.1	
Assets planned in 2026/27	2027	2027		$0	$0		$0	5%	0.22	$0		341	0.6	0.2	0.1	
Assets planned in 2027/28	2028	2028		$0	$0		$0	5%	0.21	$0		341	0.6	0.2	0.1	
Assets planned in 2028/29	2029	2029		$0	$0		$0	5%	0.20	$0		342	0.6	0.2	0.1	
Assets planned in 2029/30	2030	2030		$0	$0		$0	5%	0.19	$0		342	0.6	0.2	0.1	
Assets planned in 2030/31	2031	2031		$0	$0		$0	5%	0.18	$0		343	0.6	0.2	0.1	
Assets planned in 2031/32	2032	2032		$0	$0		$0	5%	0.17	$0		344	0.6	0.2	0.1	
Assets planned in 2032/33	2033	2033		$0	$0		$0	5%	0.16	$0		344	0.6	0.2	0.1	
Assets planned in 2033/34	2034	2034		$0	$0		$0	5%	0.16	$0		345	0.6	0.2	0.1	
Assets planned in 2034/35	2035	2035		$0	$0		$0	5%	0.15	$0		346	0.6	0.2	0.1	
Assets planned in 2035/36	2036	2036		$0	$0		$0	5%	0.14	$0		346	0.6	0.2	0.1	
Assets planned in 2036/37	2037	2037		$0	$0		$0	5%	0.14	$0		347	0.6	0.2	0.1	
Assets planned in 2037/38	2038	2038		$0	$0		$0	5%	0.13	$0		347	0.6	0.2	0.1	
Assets planned in 2038/39	2039	2039		$0	$0		$0	5%	0.12	$0		348	0.6	0.2	0.1	
Assets planned in 2039/40	2040	2040		$0	$0		$0	5%	0.12	$0		349	0.6	0.2	0.1	
Assets planned in 2040/41	2041	2041		$0	$0		$0	5%	0.11	$0		349	0.6	0.2	0.1	
Assets planned in 2041/42	2042	2042		$0	$0		$0	5%	0.11	$0		350	0.6	0.2	0.1	
Assets planned in 2042/43	2043	2043		$0	$0		$0	5%	0.10	$0		351	0.6	0.2	0.1	
Assets planned in 2043/44	2044	2044		$0	$0		$0	5%	0.10	$0		351	0.6	0.2	0.1	
Assets planned in 2044/45	2045	2045		$0	$0		$0	5%	0.09	$0		352	0.6	0.1	0.1	
				$ 816,018	$ 50,000		$ 74,524				$ 23,318		18			
Subtotal (Assets post-1996)										**$ 49,439**			**30**	**16**	**11**	**$ 4,329**
												TOTAL CAPITAL CHARGE PER ET				**$4,368**

Table 4: Upper Hunter Shire Council Sewerage Developer Charge Calculation

CPI (Consumer Price Index), Sydney	
June 15 - June 16	1.00%

Service area	Capital Charge per ET (2015/16$)	% of highest	% of highest	% of highest	% of highest	DSP areas	Weighted Average Capital Charge for each DSP area: Total number of new ETs in 30 years	PV of new ET	Proportion of PV of new ETs in each DSP area	Weighted Cap charge for each service area ($/ET)	Weighted cap charge for each DSP area ($/ET)	Reduction Amount ($/ET)	Calculated Developer Charge ($/ET) 2015/16	Calculated Developer Charge ($/ET) 2016/17	Council Proposed Developer Charge ($/ET) 2016/17
Cassilis	$ 29,940	100%				SDSP1	67	61	100.0%	$29,940	$29,940	$ 1,142	$ 28,798	$ 29,086	
Aberdeen	$ 12,854	43%	100%			SDSP2	60	31	16.8%	$2,165	$11,920		$ 10,777	$ 10,885	
Scone	$ 11,730		91%				300	152	83.2%	$9,754					
Murrurundi	$ 4,368		34%	100%		SDSP3	18	9	29.5%	$1,288	$3,474		$ 2,331	$ 2,355	
Merriwa	$ 3,100			71%			45	23	70.5%	$2,186					
								275							

Note: The agglomeration approach requires that service areas with capital charge within 30% of the highest capital charge should be agglomerated into one developer charge. 2 agglomerations required

Table 5: Upper Hunter Shire Council Sewerage Reduction Amount Calculation

	Current	estimated ($/ET)	
Sewerage Bill per ET		$ 543	
Annual OMA per ET		$ 447	
Net Income per ET		$ 96	

	2014/15	
Total Charge Income	$ 2,361,000	From Special Schedule 2014/15
Total assessments	4,348	From ET calcualtion Tab
Annual Bill per ET ($)	$ 543	
Total OMA Cost	$ 1,942,000	From Special Schedule 2014/15
OMA per ET ($)	$ 447	

	Year	Total ETs	New ETs	PV Factor	PV of new ETs (@5%)	Cumulative new ETs	Net income from new ETs	PV of Net income from new Ets (@5%)	Reduction Amount ($/ET)
0	2014/15	4,348							
1	2015/16	4,361	13	1.00	13	13	$1,296	$1,296	
2	2016/17	4,375	13	0.95	13	27	$2,597	$2,473	
3	2017/18	4,388	14	0.91	12	40	$3,901	$3,539	
4	2018/19	4,402	14	0.86	12	54	$5,210	$4,501	
5	2019/20	4,416	15	0.82	12	69	$6,620	$5,446	
6	2020/21	4,430	14	0.78	11	82	$7,938	$6,219	
7	2021/22	4,444	14	0.75	10	96	$9,259	$6,910	
8	2022/23	4,458	14	0.71	10	110	$10,586	$7,523	
9	2023/24	4,471	14	0.68	9	124	$11,916	$8,065	
10	2024/25	4,486	15	0.64	10	138	$13,348	$8,604	
11	2025/26	4,500	14	0.61	9	152	$14,687	$9,017	
12	2026/27	4,514	14	0.58	8	166	$16,031	$9,373	
13	2027/28	4,528	14	0.56	8	180	$17,379	$9,677	
14	2028/29	4,542	14	0.53	7	194	$18,732	$9,934	
15	2029/30	4,557	15	0.51	8	209	$20,185	$10,195	
16	2030/31	4,571	14	0.48	7	224	$21,547	$10,364	
17	2031/32	4,585	14	0.46	6	238	$22,913	$10,497	
18	2032/33	4,600	14	0.44	6	252	$24,283	$10,595	
19	2033/34	4,614	14	0.42	6	266	$25,658	$10,662	
20	2034/35	4,629	15	0.40	6	282	$27,134	$10,738	
21	2035/36	4,644	14	0.38	5	296	$28,518	$10,748	
22	2036/37	4,658	14	0.36	5	310	$29,907	$10,735	
23	2037/38	4,672	14	0.34	5	325	$31,300	$10,700	
24	2038/39	4,687	15	0.33	5	339	$32,698	$10,646	
25	2039/40	4,703	16	0.31	5	355	$34,197	$10,603	
26	2040/41	4,717	15	0.30	4	369	$35,604	$10,514	
27	2041/42	4,732	15	0.28	4	384	$37,015	$10,410	
28	2042/43	4,746	15	0.27	4	399	$38,432	$10,294	
29	2043/44	4,761	15	0.26	4	414	$39,853	$10,166	
30	2044/45	4,777	16	0.24	4	429	$41,375	$10,052	
					228			$ 260,494	$ 1,142

APPENDIX E

OUTLINE OF LEGISLATION

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 function 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 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 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.
>
> (3) In calculating an amount for the purposes of subsection (2) (a):
>
> (a) the value of existing water management works and the estimated cost of projected water 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 page10 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 theEnvironmental 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.

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