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**NARROMINE SHIRE COUNCIL  
ORDINARY MEETING BUSINESS PAPER – 9 DECEMBER 2020  
REPORTS TO COUNCIL – INFRASTRUCTURE AND ENGINEERING SERVICES**

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**1. WORKS REPORT**

<b>Author</b>	Director Infrastructure and Engineering Services
<b>Responsible Officer</b>	Director Infrastructure and Engineering Services
<b>Link to Strategic Plans</b>	CSP – 4.3.4 Ensure Council's property assets are monitored and well managed

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**Executive Summary**

This report provides information regarding works undertaken for the given period in regards to both operational and capital works.

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**Report**

The Works Report (**Attachment No. 1**) for the period 4 November 2020 to 1 December 2020 is presented to Council for information.

**Financial Implications**

Council has provision for these services in its Operational Budget.

**Legal and Regulatory Compliance**

Local Government Act 1993  
Roads Act 1993

**Risk Management Issues**

Nil

**Internal/External Consultation**

Nil

**Attachments**

1. Works Report

**RECOMMENDATION**

That the information be noted.

## **2. DRAFT DEVELOPMENT SERVICING PLANS FOR WATER SUPPLY AND SEWERAGE**

<b>Author</b>	Manager Utilities
<b>Responsible Officer</b>	Director Infrastructure and Engineering Services
<b>Link to Strategic Plans</b>	CSP – 3.3 A community that values the efficient use of utilities, natural resources and energy CSP 4.3.1 Operate and manage Council in a financially sustainable manner that meets all statutory and regulatory compliance and Council policies

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### **Executive Summary**

The purpose of this report is to present feedback from public exhibition and seek Council's endorsement to adopt the draft Development Servicing Plans for Water Supply and Sewerage.

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### **Report**

At Council's Ordinary Meeting 9 September 2020, it was resolved (Resolution number 2020/219) that the draft Development Servicing Plans for Water Supply and Sewerage be adopted and placed on public exhibition for a period for at least 30 days.

The draft Development Servicing Plans for Water Supply and Sewerage was subsequently placed on Council's website and Facebook for public viewing. Submissions closed on 9 November 2020.

Council received no submissions.

The draft Development Servicing Plans for Water Supply and Sewerage did not require any changes and is now presented for adoption (**Attachment 2**).

### **Financial Implications**

Nil

### **Legal and Regulatory Compliance**

The power for local government councils to levy developer charges for water supply and sewerage derives from Section 64 of the Local Government Act 1993 by means of a cross-reference to Section 306 of the Water Management Act 2000. Section 306(3) of the Water Management Act 2000 requires that "consideration is to be given to any guidelines issued for the time being for the purposes of this section by the Minister". Pursuant to this Section, the Minister has issued the "2016 Developer Charges Guidelines for Water Supply, Sewerage and Stormwater". These Guidelines are based on the net present value approach adopted in the NSW Independent Pricing and Regulatory Tribunal's Determination 9 of September 2000.

**2. DRAFT DEVELOPMENT SERVICING PLANS FOR WATER SUPPLY AND SEWERAGE  
CONT.**

**Risk Management Issues**

Nil

**Internal/External Consultation**

Placed on public exhibition. No submissions were received.

**Attachments**


1. Draft Development Servicing Plans for Water Supply and Sewerage

**RECOMMENDATION**

That Council adopt the draft Development Servicing Plans for Water Supply and Sewerage.

André Pretorius  
**Director Infrastructure and Engineering Services**


## Attachment No. 1

	<p><b>MONTHLY WORKS REPORT</b></p> <p><b>Tuesday, 2 December 2020</b></p>	<p>Infrastructure and Engineering Services Narromine Shire Council Tel: 02 6889 9999 Fax: 02 6889 9998 <a href="mailto:mail@narromine.nsw.gov.au">mail@narromine.nsw.gov.au</a></p>
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*Road and Park users are to proceed with caution at all work sites and observe work signs to ensure safety.  
Speed zones are enforceable with possible short delays.  
For all enquiries, please contact Council's Infrastructure and Engineering Services Department on 6889 9999.*


<b>URBAN ROADS – Narromine, Trangie, Tomingley</b>	
<b>Various Streets (Narromine)</b>	<p><b><u>Maintenance:</u></b></p> <ul style="list-style-type: none"> <li>• Routine Maintenance Program such as patching and street sweeping, etc.</li> <li>• Weed spraying of streets and laneways and laneway pothole patching.</li> <li>• Washing down of dust/ sediment that occurs at certain roads due to harvest heavy vehicle movements. Sediment controls have been put in place.</li> </ul>
<b>Various Streets (Trangie)</b>	<p><b><u>Maintenance:</u></b></p> <ul style="list-style-type: none"> <li>• Routine Maintenance Program such as patching and street sweeping, etc.</li> <li>• Washing down of dust/ sediment that occurs at certain roads due to harvest heavy vehicle movements. Sediment controls have been put in place.</li> </ul>
<b>Various Streets (Tomingley)</b>	<p><b><u>Maintenance:</u></b></p> <ul style="list-style-type: none"> <li>• Routine Maintenance Program by contractor.</li> </ul>
<b>UNSEALED ROADS NETWORK</b>	
<b>Various Unsealed Roads</b>	<p><b><u>Maintenance: Map No. 1</u></b></p> <ul style="list-style-type: none"> <li>• Cathundral Bogan Road</li> <li>• Tyrie North Road</li> <li>• Wyanga Road</li> <li>• Tinks Lane</li> <li>• Back Tomingley West Road</li> </ul> <p><b><u>Capital: Map No. 2</u></b></p> <ul style="list-style-type: none"> <li>• No capital works on unsealed roads</li> </ul> <p><b><u>Roadside spraying completed by Council – Biosecurity</u></b></p> <ul style="list-style-type: none"> <li>• Newhaven Road</li> <li>• Papworth Lane</li> <li>• Hamilton's Road</li> <li>• Tomkins Road</li> <li>• Tyrie North Road</li> <li>• Jamea Road</li> <li>• Tyrie Road</li> <li>• Wallaby Road</li> <li>• Bootles Road</li> <li>• Cowel Park Road</li> <li>• Herrings Lane</li> <li>• Ceres Siding Road</li> </ul> <p>Roadside slashing has also been completed.</p>
<b>SEALED ROADS NETWORK</b>	
<b>Various Sealed Roads</b>	<p><b><u>Maintenance:</u></b></p>

## Attachment No. 1

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<b>SEALED ROADS NETWORK CONT.</b>	
<b>Various Sealed Roads cont.</b>	<ul style="list-style-type: none"> <li>Peakhill Railway Road - Shoulder grade</li> <li>Bogan Cathedral Road - Shoulder Grade</li> <li>Enmore Road - Shoulder grade</li> <li>Tullamore Road – Shoulder Grade</li> </ul> <p><b><u>Capital:</u></b> Dubbo Collie Road – Full Rehab commenced</p> <p><b><u>Roadside spraying completed by Council - Biosecurity</u></b></p> <ul style="list-style-type: none"> <li>Backwater Road</li> <li>Dandaloo Road</li> <li>Dubbo Collie Road</li> <li>Trangie Dandaloo Road</li> <li>Bogan Cathedral Road</li> <li>Tantitha Road</li> <li>Gainsborough Road</li> <li>Backwater Road culverts</li> <li>Dappo Road</li> </ul> <p>Roadside slashing has also been completed.</p>
<b>SWIMMING POOLS</b>	
<b>Narromine Pool</b>	<ul style="list-style-type: none"> <li>Management under operation of Lifeguarding Services Australia.</li> </ul>
<b>Trangie Pool</b>	<ul style="list-style-type: none"> <li>Management under operation of Lifeguarding Services Australia.</li> </ul>
<b>PARKS AND OPEN SPACE NETWORK CBD Gardens, Parks, Ovals, Villages</b>	
<b>Narromine CBD</b>	<ul style="list-style-type: none"> <li>Vegetation management priority due to heat.</li> <li>Weed spraying program of streets, lanes and culverts continues.</li> </ul>
<b>Narromine Parks and Reserves</b>	<ul style="list-style-type: none"> <li>General maintenance and mowing.</li> <li>Weed control in all small parks continues.</li> </ul>
<b>Narromine Sports Grounds</b>	<ul style="list-style-type: none"> <li>General maintenance, spraying and mowing.</li> <li>Weed and pest control in all sportsgrounds continues.</li> <li>Irrigation schedules increased to deal with warmer weather.</li> </ul>
<b>Narromine Streets</b>	<ul style="list-style-type: none"> <li>General maintenance.</li> <li>Street sweeping.</li> <li>Hand watering program will continue for new plantings.</li> </ul>
<b>Trangie CBD</b>	<ul style="list-style-type: none"> <li>General maintenance and weed control ongoing.</li> <li>Vegetation mowing and slashing continuing.</li> <li>Hand watering program to continue for new plantings</li> <li>Garden beds in Dandaloo Street have been completed and vegetation planted.</li> </ul>
<b>Trangie Parks</b>	<ul style="list-style-type: none"> <li>General maintenance and mowing.</li> </ul>
<b>Trangie Sports Grounds</b>	<ul style="list-style-type: none"> <li>All summer sport in Trangie has been cancelled therefore basic maintenance program for sportsgrounds has been implemented.</li> </ul>

**Attachment No. 1**

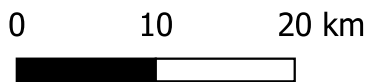
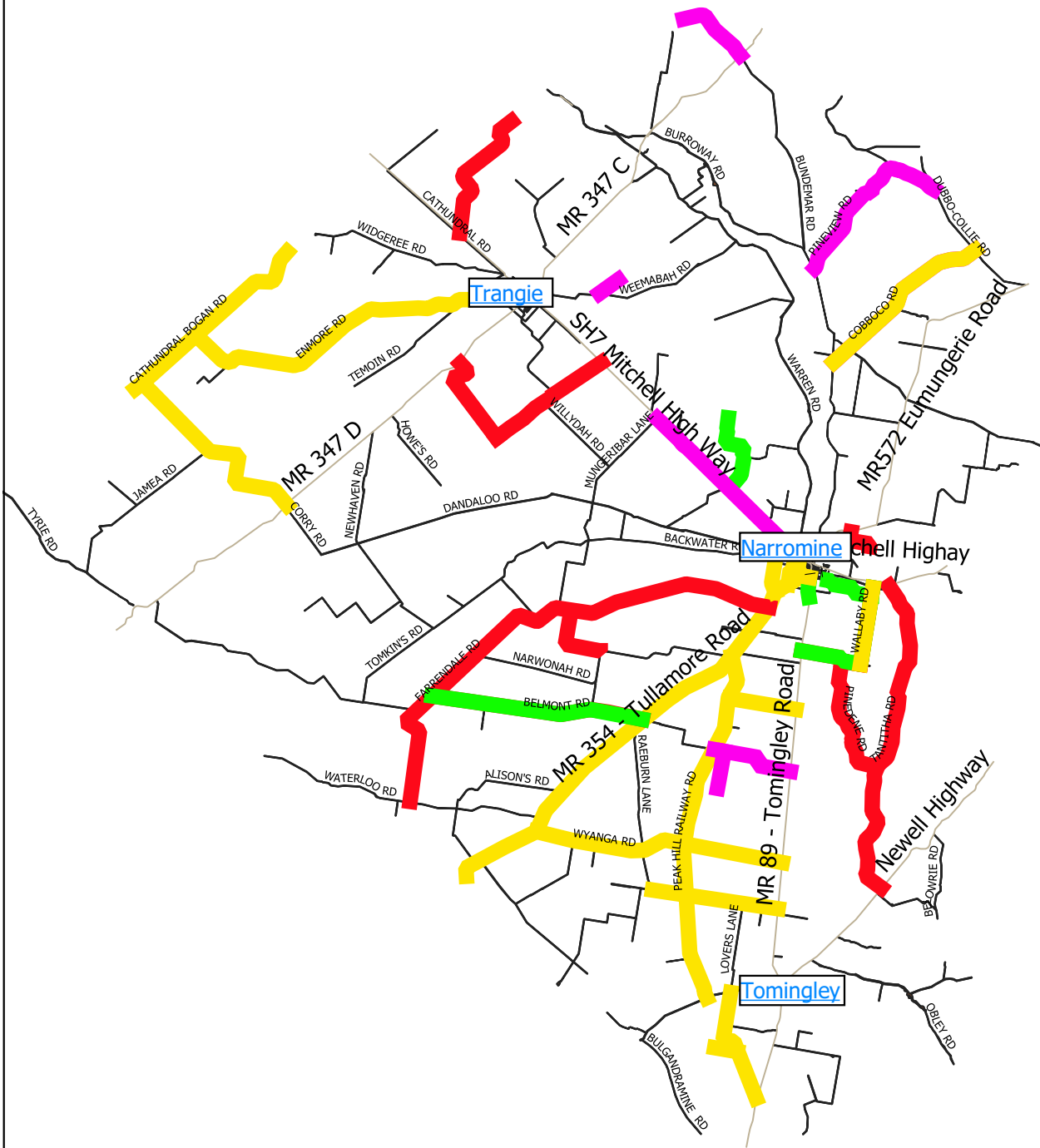
 <p><b>Narromine</b> SHIRE COUNCIL</p>	<p align="center"><b>MONTHLY WORKS REPORT</b> <b>Tuesday, 2 December 2020</b></p>	<p align="center">Infrastructure and Engineering Services Narromine Shire Council Tel: 02 6889 9999 Fax: 02 6889 9998 <a href="mailto:mail@narromine.nsw.gov.au">mail@narromine.nsw.gov.au</a></p>
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<b>PARKS AND OPEN SPACE NETWORK CBD Gardens, Parks, Ovals, Villages cont.</b>	
<b>Trangie Sports Grounds cont.</b>	<ul style="list-style-type: none"> <li>• Burns Oval is monitored each week, with mowing, whipper snipping and weed spraying completed as required.</li> <li>• Burns Oval – Stressed/ dead spots observed on turf playing surface. Is being assessed for potential fungal issue. Treatment plan will be developed once issue is determined.</li> <li>• Irrigation schedules are continually reviewed.</li> <li>• Dead trees at George Weldon Fields have been treated for termites and have been removed.</li> </ul>
<b>Trangie Streets</b>	<ul style="list-style-type: none"> <li>• General maintenance.</li> <li>• Street sweeping weekly on Thursdays.</li> <li>• Stormwater improvements (kerb and gutter) have commenced in Belgrove Street.</li> <li>• Consultants are still to finalise alternative stormwater management treatments, since the original proposed treatments will not work at other identified sites such as at the corner of Mullah and Harris Streets. Contractors to re-commence with construction once, suitable solutions have been found.</li> <li>• Designs for Bimblebox Lane have been received and are being reviewed.</li> </ul>
<b>Tomingley Village</b>	<ul style="list-style-type: none"> <li>• Town maintenance services contract has been extended to March 2021.</li> </ul>
<b>AERODROME</b>	
<b>Narromine Aerodrome</b>	<ul style="list-style-type: none"> <li>• Tree trimming, slashing and weed control continues.</li> <li>• Construction of the Hangar Development, apart from the sewer pumping station is now completed.</li> </ul>
<b>BUILDING MAINTENANCE</b>	
<b>All Buildings</b>	<ul style="list-style-type: none"> <li>• General maintenance as required.</li> </ul>
<b>Vandalism</b>	<ul style="list-style-type: none"> <li>• Recent vandalism has occurred again at Cale Oval, Eric Woods Park and Dundas Oval Cricket Nets.</li> </ul>
<b>Narromine Medical Centre</b>	<ul style="list-style-type: none"> <li>• General maintenance as required.</li> <li>• Cleaning of the windows to be completed.</li> </ul>
<b>Council Administration Buildings</b>	<ul style="list-style-type: none"> <li>• Upgrades to the IT area is complete.</li> <li>• Upgrades to the toilets is now completed.</li> </ul>
<b>PUBLIC CONVENIENCES</b>	
<b>Rotary Park (Narromine) Public Toilets</b>	<ul style="list-style-type: none"> <li>• Toilet facilities cleaned daily.</li> </ul>
<b>Burraway Street Public Toilets (adjacent to Pool)</b>	<ul style="list-style-type: none"> <li>• Toilet facilities cleaned daily.</li> </ul>
<b>Manildra Street Toilets (at Saleyards)</b>	<ul style="list-style-type: none"> <li>• Signage to be installed.</li> </ul>

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<b>PUBLIC CONVENIENCES CONT.</b>	
<b>Argonauts Park (Trangie) Public Toilets (Goan Waterhole)</b>	<ul style="list-style-type: none"> <li>Toilet facilities cleaned every Tuesday, Thursday and Saturday.</li> </ul>
<b>Dandaloo Street Trangie (adjacent to Bakery)</b>	<ul style="list-style-type: none"> <li>Toilet facilities cleaned every Monday, Wednesday and Friday.</li> </ul>
<b>Narromine and Trangie Truck Wash</b>	<ul style="list-style-type: none"> <li>Waiting for outcome of land acquisition process for the Trangie Truck wash.</li> </ul>
<b>Wetlands</b>	<ul style="list-style-type: none"> <li>Toilet block secured and cleaned daily.</li> </ul>
<b>CEMETERIES</b>	
<b>Narromine Cemetery</b>	<ul style="list-style-type: none"> <li>General maintenance continues.</li> <li>Bollards are now programmed to be installed throughout the remainder of the cemetery.</li> <li>Concreting of the new headstone section to be completed.</li> </ul>
<b>Narromine Cemetery cont.</b>	<ul style="list-style-type: none"> <li>Roads and area around ablution facility have been re-sheeted with gravel. Sealing is planned in conjunction with other sealing works.</li> </ul>
<b>Trangie Cemetery</b>	<ul style="list-style-type: none"> <li>General maintenance, mowing and weed spraying.</li> <li>Topping up of subsiding graves continues.</li> <li>Avenue trees have been planted, along with new irrigation lines.</li> </ul>
<b>WATER AND SEWER</b>	
<b>Tomingley</b>	<ul style="list-style-type: none"> <li>Regular maintenance at the water treatment plant.</li> <li>WTP documentation has been returned with Consultants making changes to the Tender Specifications in accordance with DPIE requirements.</li> </ul>
<b>Trangie</b>	<ul style="list-style-type: none"> <li>Staff have continued reticulation system maintenance.</li> <li>Staff continue operational Drinking Water Quality Testing as required by legislation daily.</li> <li>Staff continue regular sewer pump station and STP system maintenance as required.</li> </ul>
<b>Narromine</b>	<ul style="list-style-type: none"> <li>Staff continue operational Drinking Water Quality Testing as required by legislation daily.</li> <li>Contractors have completed installation of the additional filter vessel and site office.</li> <li>Staff have continued construction of the new bore 8 manifold and associated pipework</li> <li>Staff have commenced construction of two rising mains and a reticulation main on the Tullamore Road.</li> </ul>



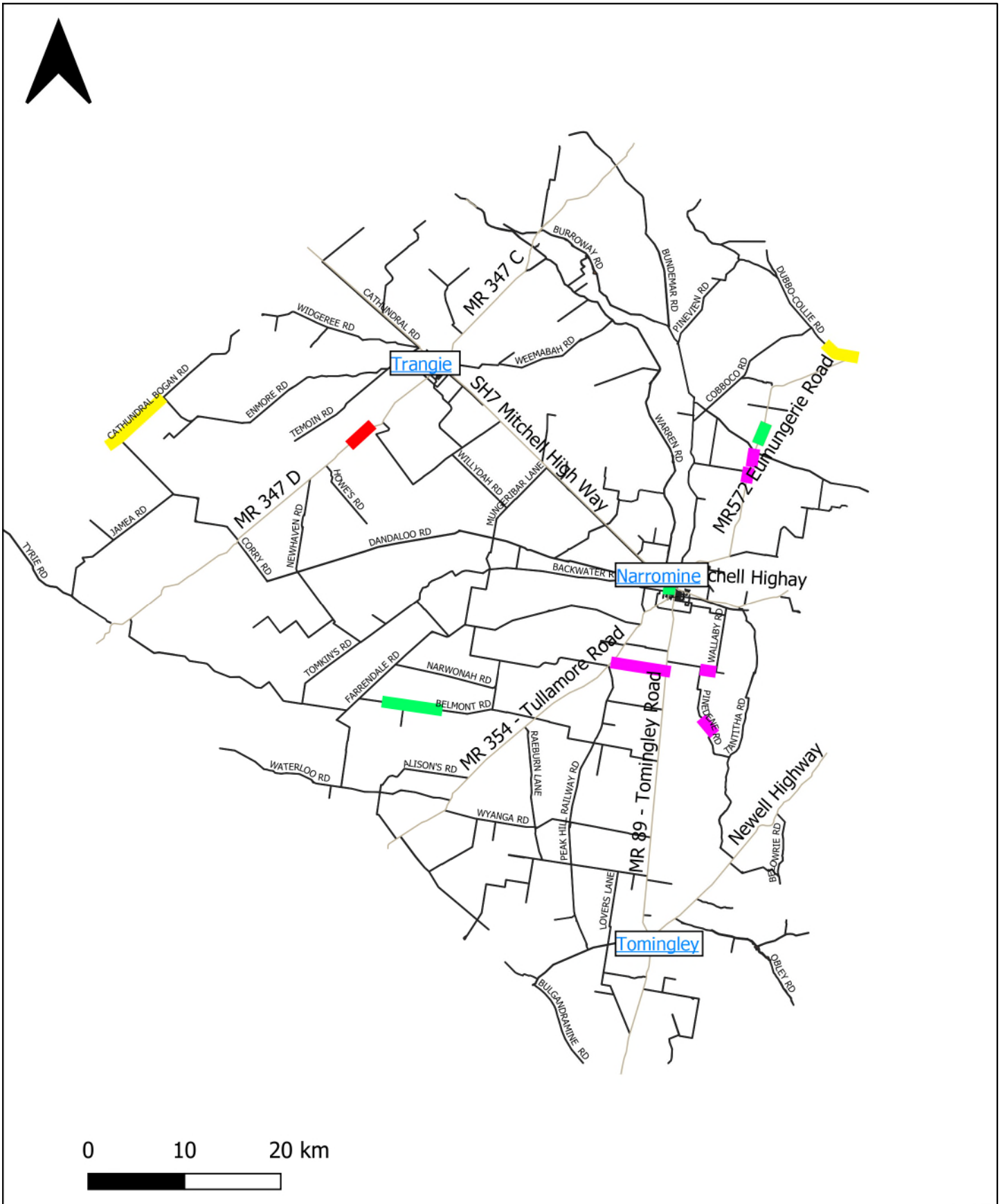
## Narromine Shire Council

- █ December
- █ October
- █ September
- █ August
- █ July



Note - the roads highlighted are visual purposes only and may not be the exact location of work





## Narromine Shire Council

- December
- October
- September
- August
- July



Note - the roads highlighted are visual purposes only and may not be the exact location of work

# Development Servicing Plan for Water Supply and Sewerage Narromine Shire Council

AUGUST 2020

ABN 16 602 201 552

## Report Details

**Report Title** Development Servicing Plan for Water Supply and Sewerage  
**Project No.** 5375  
**Status** Final  
**File Location** \\ho-fs1\projects\Narromine Shire Council\5375 Development Servicing Plans\2.Tasks\6.Report\Narromine DSP (Final).docx  
**Enquiries** Naomi Schipanski  
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## Document History and Status

Revision	Report Status	Prepared by	Reviewed by	Approved by	Issue Date
A	Draft for Audit	Naomi Schipanski	Angela Dwyer	Angela Dwyer	20/12/2019
B	Final Draft	Naomi Schipanski	Angela Dwyer	Angela Dwyer	13/02/2020
C	Final	Naomi Schipanski	Angela Dwyer	Angela Dwyer	26/08/2020

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## Summary

This Development Servicing Plan (DSP) covers water supply and sewerage developer charges for the Narromine Shire Council Local Government Area.

This DSP has been prepared in accordance with the 2016 Developer Charges Guidelines for Water Supply, Sewerage and Stormwater issued by the Minister for Lands and Water, pursuant to section 306 (3) of the *Water Management Act, 2000*.

The area covered by each DSP, and the existing and proposed works serving the area, are shown on the plans in Section 13.

The timing and expenditure for works serving the area covered by each DSP are shown in Section 15 and 16.

Levels of service to be provided in each DSP area are summarised in Section 5.

The water supply and sewerage developer charges for the areas covered by this DSP document have been determined as follows:

	DSP Name	Developer Charge (\$ per ET)	Cross-subsidy: resulting increase in the Typical Residential Bill
Water Supply	Narromine	\$3,000	2.06%
Sewerage	Narromine	\$3,500	3.35%

Developer charges relating to this DSP will be reviewed after a period of 4 to 8 years, in accordance with the guidelines. In the period between any review, developer charges will be adjusted annually on the basis of the movements in the CPI for Sydney, excluding the impact of GST.

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

Background information containing all the critical data including calculation models behind each DSP is available on request.

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# 1 Introduction

Section 64 of the *Local Government Act, 1993* enables a local government council to levy developer charges for water supply, sewerage and stormwater. This derives from a cross-reference in that Act to Section 306 of the *Water Management Act 2000*.

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

This DSP covers water supply and sewerage developer charges for areas served by Narromine Shire Council (NSC). Stormwater charges are covered under a separate plan.

This DSP has been prepared in accordance with the 2016 Developer Charges Guidelines for Water Supply, Sewerage and Stormwater issued by the Minister for Lands and Water, pursuant to section 306 (3) of the *Water Management Act, 2000*.

This DSP document supersedes any other requirements related to water supply and sewerage developer charges for the areas covered by this DSP. This DSP takes precedence over any of Council's code or policies where there are any inconsistencies relating to water supply and sewerage developer charges.

## 2 Administration

### 2.1 DSP Name and Area Covered

The basis for defining the DSP area boundaries is the existing and future development served by the Narromine water supply and sewerage schemes.

Separate DSPs were considered for the water supply schemes which supply the villages of Trangie and Tomingley, and for the sewerage scheme which services the village of Trangie. However, there is minimal expected population growth, and no planned infrastructure works for these areas within the 30-year planning period. As such, it was determined that a DSP was not required for the Trangie and Tomingley water supply and the Trangie STP service area.

There are no development areas of over 500 lots or areas serviced by alternative technologies.

	DSP Name	Area Covered
Water Supply	Narromine	The area covered by this DSP is shown on Plan 1 in Section 13. The basis for defining the DSP boundaries is an area serviced by a separate water supply scheme
Sewerage	Narromine	The area covered by this DSP is shown on Plan 2 in Section 13. The basis for defining the DSP boundaries is an area serviced by a separate sewerage scheme

### 2.2 Payment of Developer Charges

Developer charges will be determined and levied in accordance with the provisions of this DSP document at the time of considering an application for 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* or at the time of issuing a notice or other form of written advice, e.g. Under the *SEPP (Exempt and Complying Development Codes) 2008*.

The time limit for payment of developer charges will be included in the notice of determination or will be advised to the developer by a separate notice. The amount of any developer charges not paid within the specified time limit will lapse. Any subsequent determination of developer charges will be made in accordance with Council's then current DSP.

### 2.3 Dispute Resolution

Disputes will be resolved in accordance with Section 2.9 of the Guidelines. NSC is not a member of the Electricity and Water Ombudsman (EWON).



## 3 Demographic and Land Use Planning Information

### 3.1 Growth Projections

Growth projections for the number of water supply and sewerage ETs are shown in Table 3-1. These projections are from the present year to 2047/48 i.e. a 30-year planning horizon. The number of Equivalent Tenements (ETs) in January 1996 (i.e. year 1995/96) are also indicated. ET calculations are included in Sections 7.3 and 8.3 of the DSP document.

*Table 3-1 Growth Projections*

Year	Water Supply		Sewerage	
	Number of ETs	Number of new ETs	Number of ETs	Number of new ETs
1995/96	3,542		1,581	
To end of 2018/19	3,542	0	1,581	0
2019/20	3,551	9	1,585	4
2020/21	3,560	9	1,589	4
2021/22	3,569	9	1,593	4
2022/23	3,578	9	1,597	4
2023/24	3,587	9	1,601	4
2024/25	3,596	9	1,605	4
2025/26	3,605	9	1,609	4
2026/27	3,614	9	1,613	4
2027/28	3,623	9	1,617	4
2028/29	3,632	9	1,621	4
2029/30	3,641	9	1,625	4
2030/31	3,650	9	1,629	4
2031/32	3,659	9	1,633	4
2032/33	3,668	9	1,637	4
2033/34	3,678	9	1,641	4
2034/35	3,687	9	1,645	4
2035/36	3,696	9	1,650	4
2036/37	3,705	9	1,654	4
2037/38	3,715	9	1,658	4
2038/39	3,724	9	1,662	4
2039/40	3,733	9	1,666	4

	Water Supply		Sewerage	
2040/41	3,742	9	1,670	4
2041/42	3,752	9	1,675	4
2042/43	3,761	9	1,679	4
2043/44	3,771	9	1,683	4
2044/45	3,780	9	1,687	4
2045/46	3,789	9	1,691	4
2046/47	3,799	9	1,696	4
2047/48	3,808	9	1,700	4
2048/49	3,818	10	1,704	4

### 3.2 Land Use Information

This DSP document should be read in conjunction with the Narromine Local Environmental Plan (LEP) 2011.

## 4 Water Supply and Sewerage Infrastructure

### Water Supply

The Narromine water supply scheme has been in operation since 1930. The scheme draws its water from 5 groundwater bores with a combined capacity of 11.7 ML/day.

The scheme has approximately 47 km of watermains ranging in diameter from 75 mm to 300 mm. Two reservoirs, with a combined capacity of 8.1 ML, supply the town.

### Sewerage

The Narromine sewage treatment plant (STP) consists of a multi-pond oxidation sewage treatment plant (STP), which generates secondary treated effluent using a series of three ponds (two oxidation ponds and one maturation pond), a 160 ML effluent storage pond and an effluent irrigation system consisting of a pump station drawing from the effluent storage pond to supply a 45 ha centre pivot irrigator.

#### 4.1 Existing Capital Costs

The estimated MEERA capital cost of water supply and sewerage capital works (including backlog works) servicing the areas covered by this DSP document are shown in Section 15. Note that only those assets constructed in the last 30 years are included.

#### 4.2 Future Capital Works Program

The timing and expenditure for water supply and sewerage capital works (including backlog works) servicing the area covered by this DSP document are shown in section 16.

#### 4.3 Reticulation Works

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

## 5 Levels of Service

System design and operation are based on providing the following levels of service (LOS). Typical levels of service are outlined below. Further information on levels of service is available from:

- Strategic Business Plan Water Supply and Sewerage Businesses (Narromine Shire Council, 2013);
- NSW Water and Sewerage Strategic Business Planning Guidelines, NSW Office of Water, July 2011, (available at [www.water.nsw.gov.au](http://www.water.nsw.gov.au)).

Community consultation was undertaken on the current levels of service during the preparation of Council's current strategic business plans.

### 5.1 Water Supply

The LOS for water supply are outlined in Table 5-1. The LOS that apply to NSC's water supply schemes are the targets that Council aims to meet. Achieving the target LOS is Council's primary objective however they are not intended as a formal customer contract.

*Table 5-1 Levels of Service for Water Supply*

Description	Unit	Target Level of Service
<b>Availability of Service</b>		
<b>Normal Quantity Available:</b>		
Domestic Peak Day	L/ET/day	<5,000
Domestic Annual Consumption	kL/ET/year	< 215
Total Annual Consumption	ML/year	<660
Total Peak Daily Consumption	ML/day	< 5,000
<b>Service Provision:</b>		
<b>Fire Fighting:</b>		
Compliance with the Water Supply Investigation Manual (AS 2419.1 classifications 2,3,4 & p with floor area less than 1,000m <sup>2</sup> )	% urban area served	100%
<b>Pressure:</b>		
Minimum pressure when delivering 0.1 L/s	Metres	>12
<b>Consumption Restrictions in Droughts:</b>		
Long run of proportion of time with water restrictions applied	%	<5%
Average frequency of restriction events	< 1 event per 10 years	< 1 event per 10 years
Supply capacity during worst recorded drought	% of normal demand	90%
<b>Response Time to Service Interruptions</b> ( <i>defined as time to have staff on-site to commence rectification after notification of problem</i> )		
<b>Priority 1</b> ( <i>Failure to maintain continuity or quality of supply to a large number of customers or to a critical user at a critical time</i> )		

Description	Unit	Target Level of Service
All Customers		
- During working hours	Minutes	60
- Out of working hours	Minutes	120
<b>Priority 2</b> (Failure to maintain continuity or quality of supply to a small number of customers or to a non-critical user at a non-critical time)		
All Customers		
- During working hours	Minutes	180
- Out of working hours	Minutes	240
<b>Priority 3</b> (Failure to maintain continuity or quality of supply to a single customer)		
- All customers:	Working Days	30
<b>Priority 4</b> (Minor problem or complaint that can be dealt with at a mutually convenient time)		
- All customers	Working Days	14
<b>Catastrophe</b>		
- All customers	Immediate Action	Immediate Action
<b>CUSTOMER FEEDBACK/ COMPLAINTS:</b>		
<b>Response Time for Feedback/ Complaints</b>		
Percentage of calls answered by the operator within 30 seconds	%	100
General complaints and inquiries: - Written complaints - Personal/oral complaints	Working days Working days	10 1
Note: Times apply for 95% of complaints		
<b>WATER QUALITY (Potable Water)</b> (Should meet ADWG, NHMRC & AWRCM 2011)		
<b>Microbiological Parameters:</b>		
Total coliforms	CFU/100 mL	0
E-coliforms	CFU/100 mL	0
Sampling frequency	Samples/week	1
<b>Physio-chemical Parameters:</b>		
pH	Unit	6.5 – 8.5
Colour	HU	< 15
Turbidity	NTU	< 5.0
Fluoride	Mg/L	<1.5

Description	Unit	Target Level of Service
Free available Chlorine (reticulation)	Mg/L	0.6 – 4.1
Iron	Mg/L	< 0.3
Manganese	Mg/L	< 0.5
Sampling and analysis frequency	Samples/Wk	1
<b>Percentage Compliance with ADWG NHMRC &amp; NHMMC 2011</b>		
Zone achieving compliance with:	No./Total No. of zones	
- Physical parameters	%	100
- Chemical parameters	%	100
- Faecal Coliforms	%	100

## 5.2 Sewerage

The LOS that apply to NSC's sewerage schemes are the targets that Council aims to meet. They are not intended as a formal customer contract. Council's current LOS for sewerage are outlined in Table 5-2.

*Table 5-2 Levels of Service for Sewerage Schemes*

Description	Unit	Target Level of Service
<b>Availability of Service</b>		
Connections for domestic sewerage		Available to all houses, units or businesses in the defined service area
Trade waste acceptance		In accordance with approval conditions for each discharger
<b>Average system failures</b>		
Control, expected (overflows)	Frequency	<2 per year
Controlled, unexpected (flow relief)	Frequency	< 1 per 5 years
Uncontrolled, unexpected <ul style="list-style-type: none"> <li>- Private property</li> <li>- Public property – sensitive areas e.g. Main street</li> <li>- Public property – other areas</li> </ul>		<1 per 200 allotments / year
		< 1 per 5 years
		<1 per 10km main per years
<b>95<sup>th</sup> Percentile Response time to system faults</b> (defined as time elapsed to have staff onsite to commence rectification of the problem)		
<b>Priority One</b> (Major spill, significant environmental or health impact, or affecting large number of consumers i.e. a major main)		

Description	Unit	Target Level of Service
During working hours	Minutes	60
During after hours	Minutes	120
<b>Priority Two</b> (Moderate spill, some environmental or health impact, or affecting small number of consumers i.e. other mains)		
During working hours	Minutes	180
During after hours	Minutes	240
<b>Priority Three</b> (Minor spill, little environmental or health impact, or affecting a single property or as bad odours)		
Response time	Days	Next working day
<b>Response time to customer complaints &amp; inquiries of a general nature</b> (defined as a minor operational problem, complaint or enquiry, which can be dealt with at a mutually convenient time)		
Time to advise customer of intended action	Working Days	Respond to 95% of written complaints within 10 working days Respond to 95% of personal complaints in 2 working days
Odours/Vectors		
No of incidents annually that result in complaints		<2
Impact to STP on surrounding residents		
Max noise level above background noise	dB	<5
Odour not detectable outside the utilities buffer zone around the STP	Yes/No	Yes
Effluent discharge/biosolids management		
Meets statutory requirements	Yes/No	Yes

## 6 Design Parameters

### 6.1 Water Supply

Investigation and design of water supply system components is based on the Water Services Association of Australia “Water Supply Code of Australia WSA 03-2002 Version 2.3” with some modifications to reflect NSC’s Levels of Service criteria.

### 6.2 Sewerage

Investigation and design of sewerage system components is based on:

- Water Services Association of Australia “Gravity Sewerage Code of Australia WSA 02-2002 Version 2.3”
- Water Services Association of Australia “Sewage Pumping Code of Australia WSA 04-2005 Version 2.1”



## 7 Developer Charges Calculation – Water Supply

All new properties and properties with change in use which are subject to payment of water supply charges are liable for payment of developer charges for water supply. An ET is the basic unit to determine the demand that the development will place on the water supply system. One ET represents the equivalent demand from a single, detached residential dwelling. NSC uses the NSW Water Directorate's Guidelines for Determining Water ET Figures.

Credit for existing use is applied in the calculation of the ET loadings, as the developer charges are levied for additional ET loading only. For example, the first lot in a residential subdivision is exempt from developer charges where the lot is already connected to the water supply system. Properties not already rated for water supply do not receive the one lot credit.

### 7.1 Summary

The developer charges for the area covered by this DSP document area are summarised in Table 7-1.

*Table 7-1 Summary of Proposed Water Supply Developer Charges (Water Supply)*

DSP Area	Capital Charge (\$ per ET)	Reduction Amount (\$ per ET)	Calculated Maximum Developer Charge (\$ per ET)	Adopted Developer Charge (\$ per ET)
Narromine	10,762	2,590	8,172	3,000

These amounts have been calculated on the basis of the information presented in Sections 7.2 to 7.6.

### 7.2 Service Areas

The water supply service areas and the basis of determining the service areas are as follows:

Service Area	Basis of Determining the Service Area
Narromine	Area serviced by a separate water supply distribution system

### 7.3 Equivalent Tenements (ETs)

For each service area, the number of ETs to be served has been determined as the estimated annual water to be supplied to the service area divided by the volume of 1 ET. The average annual residential water consumption for 2017/18 was 292 kL per property although average consumption does vary between the towns. ET projections for each service area are shown in Table 7-2. The ETs in January 1996 are also provided.

*Table 7-2 ET Projections for Water Supply*

Year	Narromine
1995/96	3,542
2018/19	3,542
2019/20	3,551
2020/21	3,560
2021/22	3,569
2022/23	3,578

Year	Narromine
2023/24	3,587
2024/25	3,596
2025/26	3,605
2026/27	3,614
2027/28	3,623
2028/29	3,632
2029/30	3,641
2030/31	3,650
2031/32	3,659
2032/33	3,668
2033/34	3,678
2034/35	3,687
2035/36	3,696
2036/37	3,705
2037/38	3,715
2038/39	3,724
2039/40	3,733
2040/41	3,742
2041/42	3,752
2042/43	3,761
2043/44	3,771
2044/45	3,780
2045/46	3,789
2046/47	3,799
2047/48	3,808
2048/49	3,818

ET calculation details for each service area are shown in Section 14.

## 7.4 Capital Charge

The capital charge for each service area covered by this DSP document has been calculated using the NPV spreadsheet method.

Under the NPV spreadsheet method, the capital cost of relevant assets and projected ETs served in a service area are entered into a spreadsheet. These capital costs are only for the share of the asset capacity used in the service area. The PV of capital cost and the PV of new ETs are calculated, and the capital charge per ET is the PV of the capital cost divided by the PV of the ETs. A 3% discount rate was applied for pre-1996 infrastructure and a 5% discount rate was applied to post 1996 and future assets, in accordance with the DPI guidelines.

Calculation details for PV of ETs and PV of capital costs for each service area are shown in Section 17. The summary of the capital charge calculations is shown in Table 7-3.

*Table 7-3 Capital Charge Calculation for Water Supply*

Service Area	PV of New ETs for pre-1996 assets @ 3%	PV of New ETs for post-1996 assets @ 5%	PV of capital cost for pre-1996 assets @ 3% (\$)	PV of capital cost for post-1996 assets @ 5% (\$)	Capital charge for pre-1996 assets per ET (\$)	Capital charge for post-1996 assets per ET (\$)	Capital charge per ET (\$)
Narromine	89	45	2,396	481,417	27	10,735	10,762

## 7.5 DSP Area

No agglomeration of service areas is required as there is only one area.

## 7.6 Reduction Amount

NSC has adopted the NPV of Annual Bills method to calculate the Reduction Amount. This method involves calculation of the PV of the future net income, which is the difference between the revenue from annual bills, and annual OMA cost, projected for new development over the next 30 years. This is divided by the PV of the new ETs over 30 years to give the reduction amount. NSC has a single tariff structure for all towns and villages. The reduction amount calculations are shown in Table 7-4. The annual bill and OMA costs were obtained from the TBL Water Supply Performance Report 2015/16 as this was the most recent available data at the time of preparation of the DSP, and are summarised below:

Annual bill at the commencement of the DSP = \$589 per ET

OMA Cost at the commencement of the DSP = \$371 per ET

Net income = Annual bill – OMA cost = \$218 per ET

*Table 7-4 Calculation of the Reduction Amount for Water Supply*

Year	Total ETs	New ETs	Cumulative new ETs	Net income from new ETs (\$)	PV of net income from new ETs (\$)	Reduction Amount (\$ per ET)
2018/19	3,542					
2019/20	3,551	9	9	\$1,929	\$380,629	\$2,590
2020/21	3,560	9	18	\$3,864		
2021/22	3,569	9	27	\$5,803		
2022/23	3,578	9	36	\$7,747		
2023/24	3,587	9	45	\$9,696		
2024/25	3,596	9	53	\$11,649		
2025/26	3,605	9	62	\$13,608		
2026/27	3,614	9	71	\$15,572		

Year	Total ETs	New ETs	Cumulative new ETs	Net income from new ETs (\$)	PV of net income from new ETs (\$)	Reduction Amount (\$ per ET)
2027/28	3,623	9	81	\$17,540		
2028/29	3,632	9	90	\$19,513		
2029/30	3,641	9	99	\$21,492		
2030/31	3,650	9	108	\$23,475		
2031/32	3,659	9	117	\$25,463		
2032/33	3,668	9	126	\$27,456		
2033/34	3,678	9	135	\$29,454		
2034/35	3,687	9	144	\$31,457		
2035/36	3,696	9	154	\$33,465		
2036/37	3,705	9	163	\$35,478		
2037/38	3,715	9	172	\$37,497		
2038/39	3,724	9	181	\$39,520		
2039/40	3,733	9	191	\$41,548		
2040/41	3,742	9	200	\$43,581		
2041/42	3,752	9	209	\$45,620		
2042/43	3,761	9	219	\$47,663		
2043/44	3,771	9	228	\$49,712		
2044/45	3,780	9	238	\$51,766		
2045/46	3,789	9	247	\$53,825		
2046/47	3,799	9	257	\$55,889		
2047/48	3,808	9	266	\$57,958		
2048/49	3,818	10	276	\$60,032		

## 7.7 Cross-Subsidy

The cross-subsidy is the difference (%) between the annual bill with the calculated maximum developer charge and the proposed lower developer charge.

LWUs may elect to cap the developer charges for small villages in order to maintain affordability and to avoid 'stranded' assets in such villages. LWUs may also cap other developer charges to maintain affordability, subject to adopting a commercial developer charge which recovers a significant proportion of the capital cost of the infrastructure. NSC has decided to apply a cross subsidy to reduce the developer charges.

The cross-subsidy, resulting from capping of developer charges must be disclosed in the DSP, the utility's Annual Report, annual Operational Plan and in communication materials for consultation with stakeholders as noted above.

Two options were developed and examined as follows:

Option 1 – No cross subsidy – Calculated maximum developer charge

Option 2 – Cross subsidy – To reduce the developer charge to \$3,000.

A summary of the developer charges option and cross-subsidy is shown in Table 7-5.

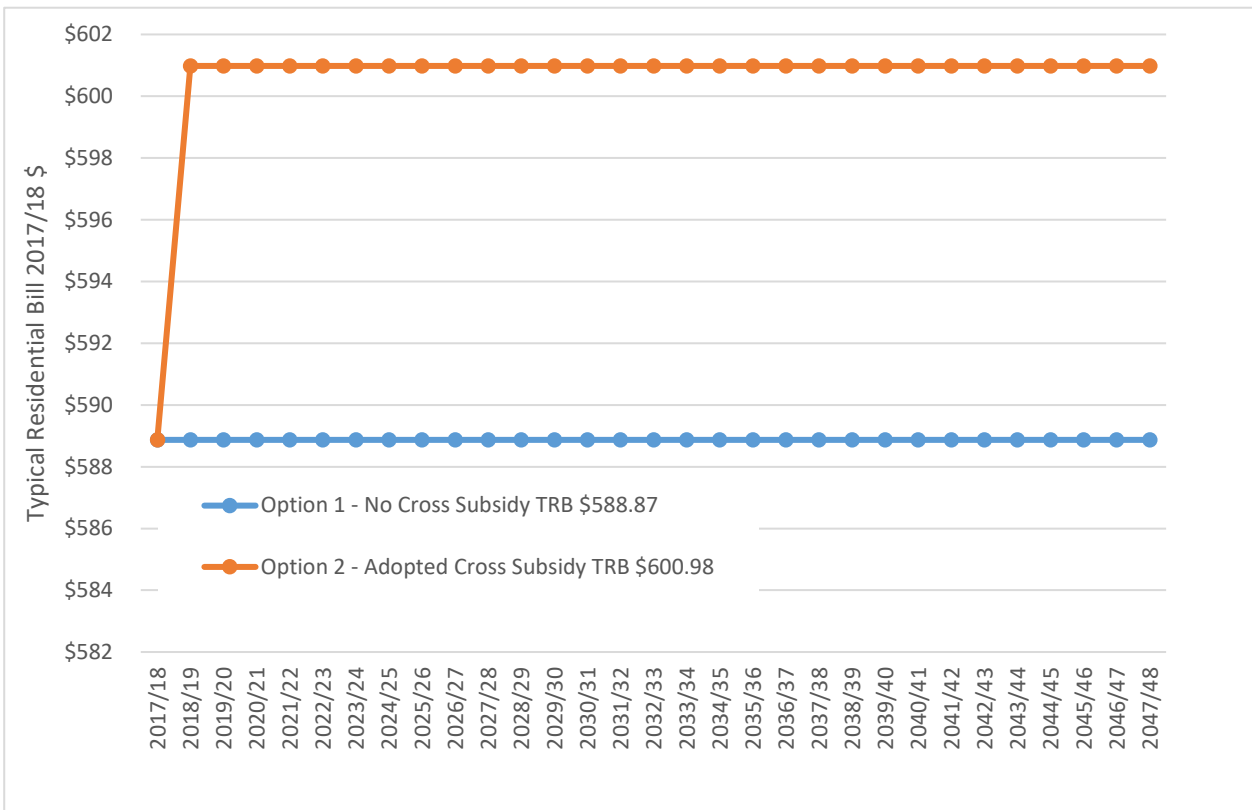
*Table 7-5 Developer Charge Options and Cross-Subsidy*

	DSP Area	Service Area	Capital Charge for Service Area (\$ per ET)	PV of new ETs over 30 years	Weighted component of capital charge for each DSP area (\$ per ET)	Weighted capital charge for each DSP area (\$ per ET)	Reduction Amount (\$ per ET)	Calculated Maximum Developer Charge (\$ per ET)	Proposed Developer Charge (\$ per ET)	Weighted average cross-subsidy to developer charge (\$ per ET)
No cross-subsidy	A	Narromine	10,762	147	10,762	10,762	2,590	8,172	8,172	0
Cross-subsidy	A	Narromine	10,762	147	10,762	10,762	2,590	8,172	3,000	5,172

The impact of the cross-subsidies on the annual water supply bill for each option are summarised in Table 7-6 and shown in Figure 7-1.

*Table 7-6 Impact of Cross-subsidies on Annual Water Bill*

Option	Service Area	Required Annual Water Supply Bill per ET	Resulting Increase in Annual Water Supply Bill
1 – No cross subsidy	Narromine	\$588.97	0.0%
2 – Adopted cross subsidy	Narromine	\$600.98	2.06%



*Figure 7-1 Impact of Developer Charges Option on TRB*

## 8 Developer Charges Calculation – Sewerage

### 8.1 Summary

The developer charges for the area covered by this DSP document area are summarised in Table 8-1. These amounts have been calculated on the basis of the information presented in the following sections (Sections 8.2 to 8.6).

*Table 8-1 Summary of Proposed Sewerage Developer Charges*

DSP Area	Capital Charge (\$ per ET)	Reduction Amount (\$ per ET)	Calculated Maximum Developer Charge (\$ per ET)	Adopted Developer Charge (\$ per ET)
Narromine	15,037	2,380	12,657	3,500

### 8.2 Service Areas

The sewerage service areas and the basis of determining the service areas are summarised in Table 8-2.

*Table 8-2 Basis of Determining Service Areas*

Service Area	Basis of Determining the Service Area
Narromine	Area serviced by a separate sewage treatment works

### 8.3 Equivalent Tenements (ETs)

All new properties and properties with change in use which are subject to payment of sewerage charges are liable for payment of developer charges. An ET is the basic unit to determine the loading that the development will place on the sewerage system. One ET represents the equivalent loading from a single, detached residential dwelling. NSC uses the NSW Water Directorate's Guidelines for Determining Water ET Figures.

Credit for existing use is applied in the calculation of the ET loadings, as the developer charges are levied for additional ET loading only. For example, the first lot in a residential subdivision is exempt from developer charges where the lot is already connected to the sewerage system. Properties not already rated for sewerage do not receive the one lot credit.

ET projections for each service area are shown in Table 8-3. The ETs in January 1996 are also provided.

*Table 8-3 ET Projections for Sewerage*

Year	Number of ETs
	Narromine
Jan 1996	
2018/19	1,581
2019/20	1,585
2020/21	1,589
2021/22	1,593
2022/23	1,597
2023/24	1,601

Year	Number of ETs
	Narromine
2024/25	1,605
2025/26	1,609
2026/27	1,613
2027/28	1,617
2028/29	1,621
2029/30	1,625
2030/31	1,629
2031/32	1,633
2032/33	1,637
2033/34	1,641
2034/35	1,645
2035/36	1,650
2036/37	1,654
2037/38	1,658
2038/39	1,662
2039/40	1,666
2040/41	1,670
2041/42	1,675
2042/43	1,679
2043/44	1,683
2044/45	1,687
2045/46	1,691
2046/47	1,696
2047/48	1,700
2048/49	1,704

ET calculation details for each service area are shown in Section 14.

## 8.4 Capital Charge

The capital charge for each service area covered by this DSP document has been calculated using the NPV spreadsheet method.

Under the NPV spreadsheet method, the capital cost of relevant assets and projected ETs served in a service area are entered into a spreadsheet. These capital costs are only for the share of the asset capacity used in

the service area. The PV of capital cost and the PV of new ETs are calculated, and the capital charge per ET is the PV of the capital cost divided by the PV of the ETs. A 3% discount rate was applied for pre-1996 infrastructure and a 5% discount rate was applied to post 1996 and future assets, in accordance with the DPI guidelines.

Calculation details for PV of ETs and PV of capital costs for each service area are shown in Section 17. The summary of the capital charge calculations is shown in Table 8-4.

*Table 8-4 Capital Charge Calculation for Sewerage*

Service Area	PV of New ETs for pre-1996 assets @ 3%	PV of New ETs for post-1996 assets @ 5%	PV of capital cost for pre-1996 assets @ 3% (\$)	PV of capital cost for post-1996 assets @ 5% (\$)	Capital charge for pre-1996 assets per ET (\$)	Capital charge for post-1996 assets per ET (\$)	Capital charge per ET (\$)
Narromine	40	20	0	300,290	0	15,037	15,037

## 8.5 DSP Area

No agglomeration of service areas is required as there is only one area.

## 8.6 Reduction Amount

NSC has adopted the NPV of Annual Bills method to calculate the Reduction Amount. This method involves calculation of the PV of the future net income, which is the difference between the revenue from annual bills, and annual OMA cost, projected for new development over the next 30 years. This is divided by the PV of the new ETs over 30 years to give the reduction amount. NSC has a single tariff structure for all towns and villages. The reduction amount calculations are shown in Table 8-5. The annual bill and OMA costs were obtained from the TBL Water Supply Performance Report 2015/16 as this was the most recent available data at the time of preparation of the DSP and are summarised below:

Annual bill at the commencement of the DSP = \$600 per ET

OMA Cost at the commencement of the DSP = \$400 per ET

Net income = Annual bill – OMA cost = \$200 per ET

*Table 8-5 Calculation of the Reduction Amount for Sewerage*

Year	Total ETs	New ETs	Cumulative new ETs	Net income from new ETs (\$)	PV of net income from new ETs (\$)	Reduction Amount (\$ per ET)
2018/19	1,581				\$156,080	\$2,380
2019/20	1,585	4	4	\$791		
2020/21	1,589	4	8	\$1,584		
2021/22	1,593	4	12	\$2,380		
2022/23	1,597	4	16	\$3,177		
2023/24	1,601	4	20	\$3,976		
2024/25	1,605	4	24	\$4,777		
2025/26	1,609	4	28	\$5,580		
2026/27	1,613	4	32	\$6,385		
2027/28	1,617	4	36	\$7,192		
2028/29	1,621	4	40	\$8,002		



Year	Total ETs	New ETs	Cumulative new ETs	Net income from new ETs (\$)	PV of net income from new ETs (\$)	Reduction Amount (\$ per ET)
2029/30	1,625	4	44	\$8,813		
2030/31	1,629	4	48	\$9,626		
2031/32	1,633	4	52	\$10,441		
2032/33	1,637	4	56	\$11,259		
2033/34	1,641	4	60	\$12,078		
2034/35	1,645	4	64	\$12,899		
2035/36	1,650	4	69	\$13,723		
2036/37	1,654	4	73	\$14,548		
2037/38	1,658	4	77	\$15,376		
2038/39	1,662	4	81	\$16,205		
2039/40	1,666	4	85	\$17,037		
2040/41	1,670	4	89	\$17,871		
2041/42	1,675	4	93	\$18,707		
2042/43	1,679	4	98	\$19,545		
2043/44	1,683	4	102	\$20,385		
2044/45	1,687	4	106	\$21,227		
2045/46	1,691	4	110	\$22,071		
2046/47	1,696	4	114	\$22,918		
2047/48	1,700	4	119	\$23,766		
2048/49	1,704	4	123	\$24,617		

## 8.7 Cross-Subsidy

The cross-subsidy is the difference (%) between the annual bill with the calculated maximum developer charge and the proposed lower developer charge.

LWUs may elect to cap the developer charges for small villages in order to maintain affordability and to avoid ‘stranded’ assets in such villages. LWUs may also cap other developer charges to maintain affordability, subject to adopting a commercial developer charge which recovers a significant proportion of the capital cost of the infrastructure. NSC has decided to apply a cross subsidy to reduce the developer charges.

The cross-subsidy, resulting from capping of developer charges must be disclosed in the DSP, the utility’s Annual Report, annual Operational Plan and in communication materials for consultation with stakeholders as noted above.

Two options were developed and examined as follows:

Option 1 – No cross subsidy – Calculated maximum developer charge

Option 2 – Cross subsidy – To reduce the developer charge to \$3,500.

A summary of the developer charges option and cross-subsidy is shown in Table 8-6.

Table 8-6 Developer Charge Options and Cross-Subsidy

	DSP Area	Service Area	Capital Charge for Service Area (\$ per ET)	PV of new ETs over 30 years	Weighted component of capital charge for each DSP area (\$ per ET)	Weighted capital charge for each DSP area (\$ per ET)	Reduction Amount (\$ per ET)	Calculated Maximum Developer Charge (\$ per ET)	Proposed Developer Charge (\$ per ET)	Weighted average cross-subsidy to developer charge (\$ per ET)
No cross-subsidy	A	Narromine	15,037	66	15,037	15,037	2,380	12,657	12,657	0
Cross-subsidy	A	Narromine	15,037	66	15,037	15,037	2,380	12,657	3,500	9,157

The impact of the cross-subsidies on the annual water supply bill for each option are summarised in Table 8-7 and shown in Figure 8-1.

Table 8-7 Impact of Cross-subsidies on Annual Sewer Bill

Option	Service Area	Required Annual Water Supply Bill per ET	Resulting Increase in Annual Water Supply Bill
1 – No cross subsidy	Narromine	\$600.00	0.0%
2 – Adopted cross subsidy	Narromine	\$620.09	3.35%

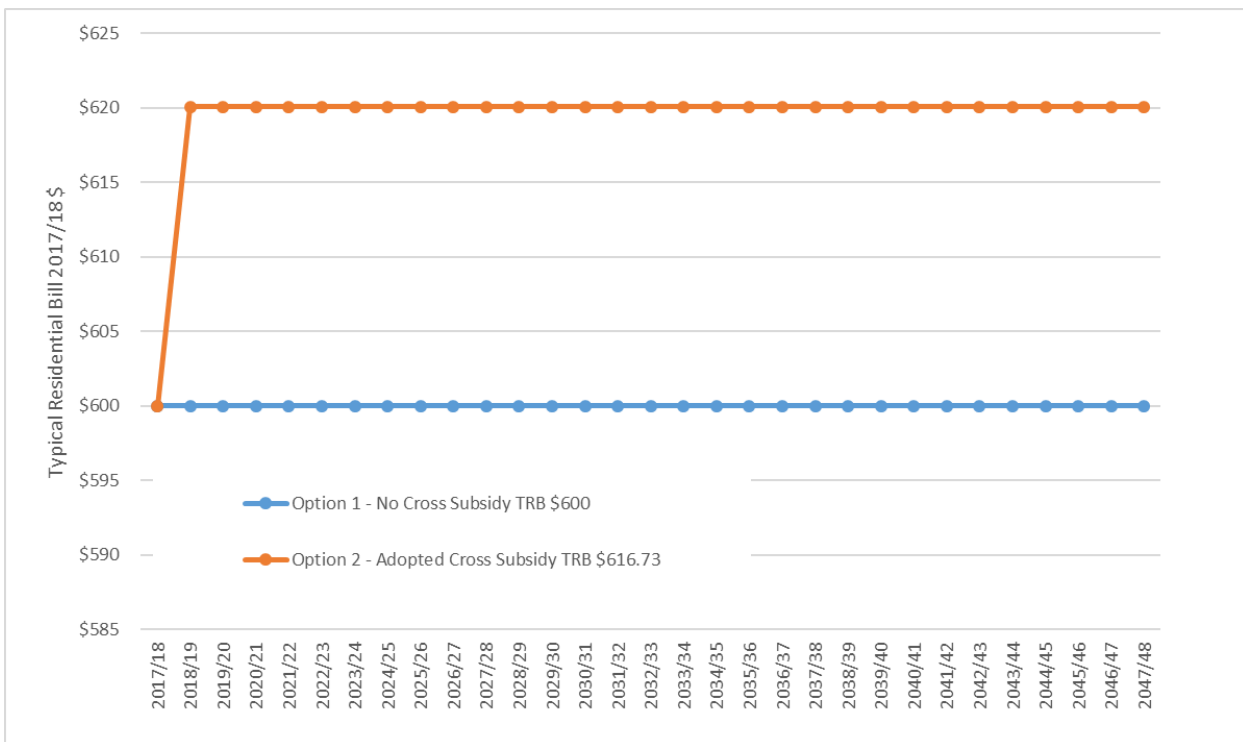


Figure 8-1 Impact of Developer Charges Option on TRB

## 9 Reviewing/ Updating of Developer Charges

Developer charges will be adjusted on 1 July each year on the basis of movements in the CPI for Sydney, in the preceding 12 months to December, excluding the impact of GST.

Developer charges will be reviewed by Council after a period of 4 to 8 years.

## 10 Background Document

A background document containing all the critical data including calculation models behind each DSP is available from Council on request. The contact details are below:

Doug Moorby

Narromine Shire Council

Ph: (02) 6889 9999

The background document lists and references all the other studies that have been used as a source, including NSC's Strategic Business Plan, Financial Plan and the latest TBL Performance Report.

# 11 Other DSPs and Related Contribution Plans

Other related plans include:

- Narromine Shire Council Section 94A Developer Contributions Plan (NSC, 2014)

This DSP replaces previous DSPs for water supply and sewerage.

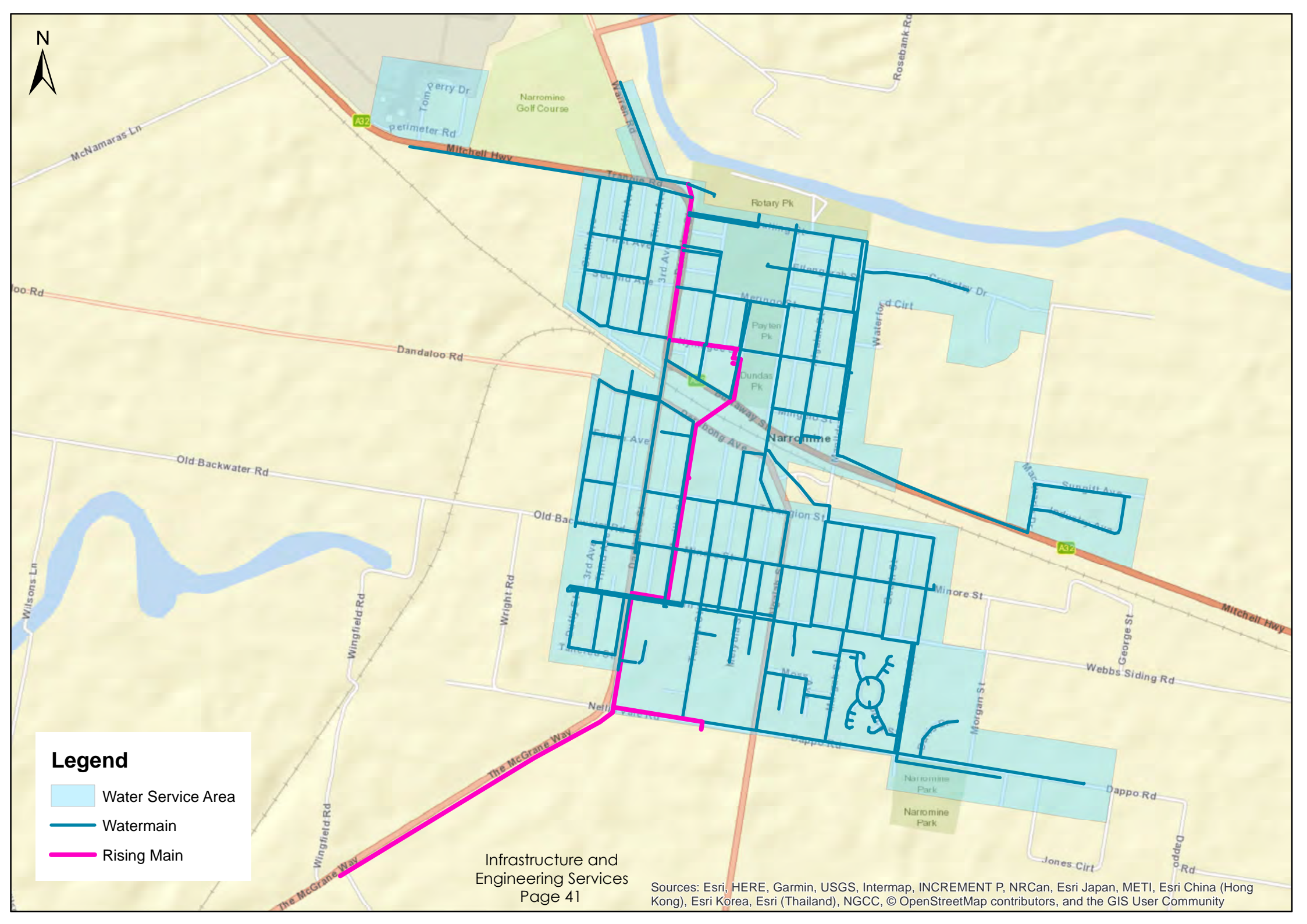
## 12 Glossary

Annual Bill	LWU's annual water supply or sewerage bill for an annual demand of 1 ET.
Asset	An asset (or part of an asset) including land and headworks 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.
BOD	Biochemical oxygen demand. Used as a measure of the 'strength' of sewage.
Capital Cost	The Present Value (MEERA basis) of all expenditure on assets used to service the development.
Capital Charge	Capital cost of assets per ET adjusted for commercial return on investment (ROI).
CP	Section 94 Contributions Plan.
CPI	Consumer price index.
Developer Charge (DC)	Charge levied on developers to recover part of the capital cost incurred in providing infrastructure to new development.
Development Area	See DSP area.
Discount Rate	The rate used to calculate the present value of money arising in the future.
DSP	Development Servicing Plan
DSP area	That part of a water utility's area covered by a particular Development Servicing Plan. Also referred to as Development Area.
EP	Equivalent Persons (or equivalent population). Used as a design parameter for loadings of sewage treatment works.
ET	Equivalent tenement. The annual demand a detached residential dwelling will place on the infrastructure in terms of the water consumption or sewage discharge.
GST	Goods and services tax.
Headworks	Significant assets at the top end of the water systems or the bottom end of the wastewater and stormwater system. For example water headworks may comprise a system of storage reservoirs, water treatment works and major supply conduits.
IPART	The NSW Independent Pricing and Regulatory Tribunal.
kL	Kilolitre (1,000 litres).
LGSA	Local Government and Shires Associations.
LWU	Local water utility (NSW). Excludes Sydney Water Corporation, Hunter Water Corporation, Gosford Council, Wyong Council, Essential Water and Fish River Water Supply.
MEERA	Modern Engineering Equivalent Replacement Asset. An asset value calculated on the basis that the asset is constructed at the time of valuation in accordance with modern engineering practice and the most economically viable technologies, which provides similar utility functions to the existing asset in service.
ML	Megalitre (1,000,000 litres, or 1,000 kilolitres).
Net income	Annual bill minus OMA cost per ET.
NOW	NSW Office of Water

NPV	Net present value means the difference between the Present Value of a revenue stream and the Present Value of a cost stream.
NSC	Narrromine Shire Council
OMA	Operation, maintenance and administration (cost).
Peak Day Demand	The maximum demand in any one day of the year. Used to size water treatments works, service reservoirs, trunk mains and pumping stations in the distribution system.
Operating cost	In relation to a DSP is the operation, maintenance and administration cost (excluding depreciation and interest) of a LWU in providing Customer services to a DSP area.
Periodic bills	The periodic bills (generally quarterly) levied by a LWU in accordance with their annual operational plan.
Post 1996 Asset	An asset that was commissioned by a LWU on or after 1 January 1996 or that is yet to be commissioned.
Pre 1996 Asset	An asset that was commissioned by a LWU before 1 January 1996.
PV	Present value. The current value of future money or ETs.
PWWF	Peak wet weather flow. One of the design parameters of flow in sewers.
Real Terms	The value of a variable adjusted for inflation by a CPI adjustment
Reduction Amount	The amount by which the capital charge is reduced to arrive at the developer charge. This amount reflects the capital contribution that will be paid by the occupier of a development as part of future annual bills.
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 system, an area served by a separate STW, a separate small town or village, or a new development of over 500 ETs.
SS	Suspended solids, or the concentration of particles in sewage. Used as a measure of the 'strength' of sewage.
STW	Sewage treatment works
TRB	Typical residential bill, which is the principal indicator of the overall cost of a water supply or sewerage system and is the bill paid by a residential customer using the utility's average annual residential water supplied per connected property.
WTW	Water treatment works.

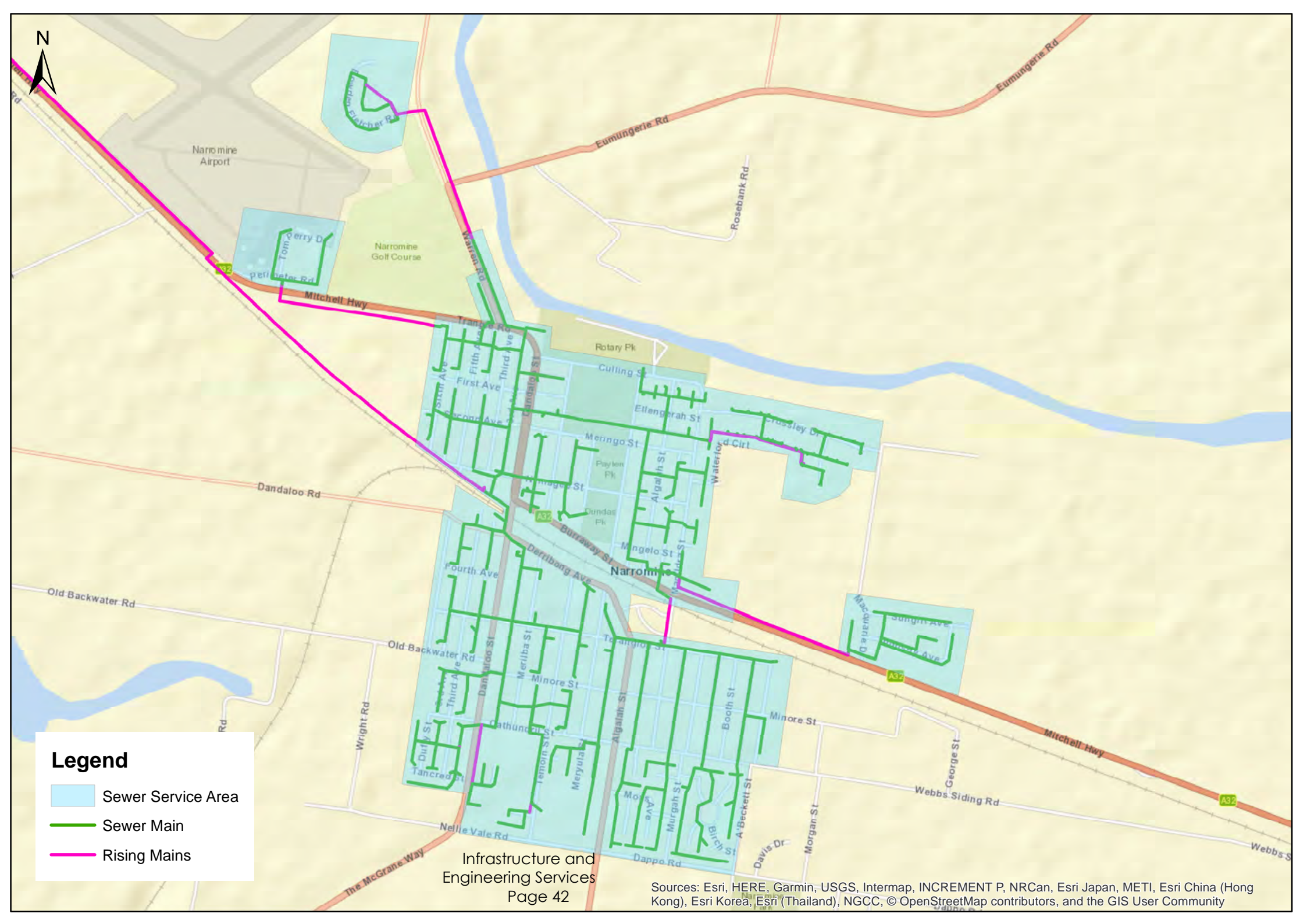
# 13 Plans








**Legend**

- Water Service Area
- Watermain
- Rising Main



**Legend**

-  Sewer Service Area
-  Sewer Main
-  Rising Mains

## 14 Calculation of ETs

**Water Supply - Equivalent Tenement Estimates**

WTP	Total Water Supplied 2017-18 (kL)	Avg Annual Res Water Supplied 2017-18 (kL/connected property)	2017/18 ETs
Narromine	1,034,000	291.9	3,542

**Notes:**

Growth rate from 2006-2018 were assumed to be zero rather than negative

For future ETs, the average growth rate adopted for the SBPs was applied to the ET projections

Year	NARROMINE		
	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)
1995/96	0.00%	3,542	
1996/97	0.00%	3,542	0
1997/98	0.00%	3,542	0
1998/99	0.00%	3,542	0
1999/00	0.00%	3,542	0
2000/01	0.00%	3,542	0
2001/02	0.00%	3,542	0
2002/03	0.00%	3,542	0
2003/04	0.00%	3,542	0
2004/05	0.00%	3,542	0
2005/06	0.00%	3,542	0
2006/07	0.00%	3,542	0
2007/08	0.00%	3,542	0
2008/09	0.00%	3,542	0
2009/10	0.00%	3,542	0
2010/11	0.00%	3,542	0
2011/12	0.00%	3,542	0
2012/13	0.00%	3,542	0
2013/14	0.00%	3,542	0
2014/15	0.00%	3,542	0
2015/16	0.00%	3,542	0
2016/17	0.00%	3,542	0
2017/18	0.00%	3,542	0
2018/19	0.00%	3,542	0
2019/20	0.25%	3,551	9
2020/21	0.25%	3,560	9
2021/22	0.25%	3,569	9
2022/23	0.25%	3,578	9
2023/24	0.25%	3,587	9
2024/25	0.25%	3,596	9
2025/26	0.25%	3,605	9
2026/27	0.25%	3,614	9
2027/28	0.25%	3,623	9
2028/29	0.25%	3,632	9
2029/30	0.25%	3,641	9
2030/31	0.25%	3,650	9
2031/32	0.25%	3,659	9
2032/33	0.25%	3,668	9
2033/34	0.25%	3,678	9
2034/35	0.25%	3,687	9
2035/36	0.25%	3,696	9
2036/37	0.25%	3,705	9
2037/38	0.25%	3,715	9
2038/39	0.25%	3,724	9
2039/40	0.25%	3,733	9
2040/41	0.25%	3,742	9
2041/42	0.25%	3,752	9
2042/43	0.25%	3,761	9
2043/44	0.25%	3,771	9
2044/45	0.25%	3,780	9
2045/46	0.25%	3,789	9
2046/47	0.25%	3,799	9
2047/48	0.25%	3,808	9
2048/49	0.25%	3,818	10
<b>TOTAL</b>		<b>3,818</b>	<b>276</b>

**Sewerage - Equivalent Tenement Estimates**

STP	Measured Average Dry Weather Flow 2017/18 (kL/d)	Occupancy Ratio	Equivalent Tenements (ETs) for 2017-18
Narromine	759	2.4	1,581

*Notes:*

*Growth rate from 2006-2016 were assumed to be zero rather than negative*

*For future ETs, the average growth rate adopted for the SBPs was applied to the ET projections*

Year	Narromine		
	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)
1995/96	0.00%	1,581	
1996/97	0.00%	1,581	0
1997/98	0.00%	1,581	0
1998/99	0.00%	1,581	0
1999/00	0.00%	1,581	0
2000/01	0.00%	1,581	0
2001/02	0.00%	1,581	0
2002/03	0.00%	1,581	0
2003/04	0.00%	1,581	0
2004/05	0.00%	1,581	0
2005/06	0.00%	1,581	0
2006/07	0.00%	1,581	0
2007/08	0.00%	1,581	0
2008/09	0.00%	1,581	0
2009/10	0.00%	1,581	0
2010/11	0.00%	1,581	0
2011/12	0.00%	1,581	0
2012/13	0.00%	1,581	0
2013/14	0.00%	1,581	0
2014/15	0.00%	1,581	0
2015/16	0.00%	1,581	0
2016/17	0.00%	1,581	0
2017/18	0.00%	1,581	0
2018/19	0.00%	1,581	0
2019/20	0.25%	1,585	4
2020/21	0.25%	1,589	4
2021/22	0.25%	1,593	4
2022/23	0.25%	1,597	4
2023/24	0.25%	1,601	4
2024/25	0.25%	1,605	4
2025/26	0.25%	1,609	4
2026/27	0.25%	1,613	4
2027/28	0.25%	1,617	4
2028/29	0.25%	1,621	4
2029/30	0.25%	1,625	4
2030/31	0.25%	1,629	4
2031/32	0.25%	1,633	4
2032/33	0.25%	1,637	4
2033/34	0.25%	1,641	4
2034/35	0.25%	1,645	4
2035/36	0.25%	1,650	4
2036/37	0.25%	1,654	4
2037/38	0.25%	1,658	4
2038/39	0.25%	1,662	4
2039/40	0.25%	1,666	4
2040/41	0.25%	1,670	4
2041/42	0.25%	1,675	4
2042/43	0.25%	1,679	4
2043/44	0.25%	1,683	4
2044/45	0.25%	1,687	4
2045/46	0.25%	1,691	4
2046/47	0.25%	1,696	4
2047/48	0.25%	1,700	4
2048/49	0.25%	1,704	4
<b>TOTAL</b>		<b>1,704</b>	<b>123</b>

# 15 Existing Capital Costs

Calculation of the Recoverable Proportion:

Areas served by Assets	ET Uptake 1995/96 - 2048/49	Total ET 2048/49	Growth Proportion
Narromine	276	3,818	7.2%

Existing Assets - Water Supply

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Diameter (mm)					
Narromine		Reservoir	Nymagee Street Res Raw Water Storage Reservoir Civil Works	1930			Exclude	Pre 1989 Asset	\$1,208,087	0.0%	\$0
Narromine		Reservoir	Nymagee Street Res Raw Water Storage Reservoir Mechanical	1930			Exclude	Pre 1989 Asset	\$171,925	0.0%	\$0
Narromine	6100000050	Mains	Town Reticulation Water Mains	1930	165.0	100	Exclude	Pre 1989 Asset	\$19,374	0.0%	\$0
Narromine	6100000053	Mains	Town Reticulation Water Mains	1930	105.0	100	Exclude	Pre 1989 Asset	\$12,329	0.0%	\$0
Narromine	6100000057	Mains	Town Reticulation Water Mains	1930	125.0	150	Exclude	Pre 1989 Asset	\$21,630	0.0%	\$0
Narromine	6100000058	Mains	Town Reticulation Water Mains	1930	30.0	100	Exclude	Pre 1989 Asset	\$3,523	0.0%	\$0
Narromine	6100000059	Mains	Town Reticulation Water Mains	1930	220.0	100	Exclude	Pre 1989 Asset	\$25,832	0.0%	\$0
Narromine	6100000063	Mains	Town Reticulation Water Mains	1930	140.0	150	Exclude	Pre 1989 Asset	\$24,226	0.0%	\$0
Narromine	6100000071	Mains	Town Reticulation Water Mains	1930	80.0	100	Exclude	Pre 1989 Asset	\$9,394	0.0%	\$0
Narromine	6100000072	Mains	Town Reticulation Water Mains	1930	35.0	100	Exclude	Pre 1989 Asset	\$4,110	0.0%	\$0
Narromine	6100000078	Mains	Town Reticulation Water Mains	1930	244.2	75	Exclude	Pre 1989 Asset	\$19,619	0.0%	\$0
Narromine	6100000084	Mains	Town Reticulation Water Mains	1930	160.0	150	Exclude	Pre 1989 Asset	\$27,686	0.0%	\$0
Narromine	6100000091	Mains	Town Reticulation Water Mains	1930	20.0	100	Exclude	Pre 1989 Asset	\$2,348	0.0%	\$0
Narromine	6100000099	Mains	Town Reticulation Water Mains	1930	215.0	100	Exclude	Pre 1989 Asset	\$25,245	0.0%	\$0
Narromine	6100000100	Mains	Town Reticulation Water Mains	1930	70.0	225	Exclude	Pre 1989 Asset	\$19,034	0.0%	\$0
Narromine	6100000101	Mains	Town Reticulation Water Mains	1930	70.0	225	Exclude	Pre 1989 Asset	\$19,034	0.0%	\$0
Narromine	6100000102	Mains	Town Reticulation Water Mains	1930	10.0	225	Exclude	Pre 1989 Asset	\$2,719	0.0%	\$0
Narromine	6100000103	Mains	Town Reticulation Water Mains	1930	135.0	225	Exclude	Pre 1989 Asset	\$36,709	0.0%	\$0
Narromine	6100000106	Mains	Town Reticulation Water Mains	1930	220.0	100	Exclude	Pre 1989 Asset	\$25,832	0.0%	\$0
Narromine	6100000116	Mains	Town Reticulation Water Mains	1930	121.0	100	Exclude	Pre 1989 Asset	\$14,208	0.0%	\$0
Narromine	6100000118	Mains	Town Reticulation Water Mains	1930	125.0	100	Exclude	Pre 1989 Asset	\$14,678	0.0%	\$0
Narromine	6100000120	Mains	Town Reticulation Water Mains	1930	120.0	100	Exclude	Pre 1989 Asset	\$14,090	0.0%	\$0
Narromine	6100000121	Mains	Town Reticulation Water Mains	1930	230.0	100	Exclude	Pre 1989 Asset	\$27,007	0.0%	\$0
Narromine	6100000122	Mains	Town Reticulation Water Mains	1930	70.0	225	Exclude	Pre 1989 Asset	\$19,034	0.0%	\$0
Narromine	6100000125	Mains	Town Reticulation Water Mains	1930	10.0	225	Exclude	Pre 1989 Asset	\$2,719	0.0%	\$0
Narromine	6100000126	Mains	Town Reticulation Water Mains	1930	140.0	225	Exclude	Pre 1989 Asset	\$38,069	0.0%	\$0
Narromine	6100000129	Mains	Town Reticulation Water Mains	1930	140.0	150	Exclude	Pre 1989 Asset	\$24,226	0.0%	\$0
Narromine	6100000131	Mains	Town Reticulation Water Mains	1930	130.0	150	Exclude	Pre 1989 Asset	\$22,495	0.0%	\$0
Narromine	6100000132	Mains	Town Reticulation Water Mains	1930	150.0	100	Exclude	Pre 1989 Asset	\$17,613	0.0%	\$0
Narromine	6100000133	Mains	Town Reticulation Water Mains	1930	15.0	225	Exclude	Pre 1989 Asset	\$4,079	0.0%	\$0
Narromine	6100000134	Mains	Town Reticulation Water Mains	1930	155.0	225	Exclude	Pre 1989 Asset	\$42,148	0.0%	\$0
Narromine	6100000137	Mains	Town Reticulation Water Mains	1930	140.0	75	Exclude	Pre 1989 Asset	\$11,248	0.0%	\$0
Narromine	6100000139	Mains	Town Reticulation Water Mains	1930	235.0	100	Exclude	Pre 1989 Asset	\$27,594	0.0%	\$0
Narromine	6100000140	Mains	Town Reticulation Water Mains	1930	235.0	225	Exclude	Pre 1989 Asset	\$63,901	0.0%	\$0
Narromine	6100000144	Mains	Town Reticulation Water Mains	1930	85.0	150	Exclude	Pre 1989 Asset	\$14,708	0.0%	\$0
Narromine	6100000145	Mains	Town Reticulation Water Mains	1930	155.0	150	Exclude	Pre 1989 Asset	\$26,821	0.0%	\$0
Narromine	6100000156	Mains	Town Reticulation Water Mains	1930	215.0	100	Exclude	Pre 1989 Asset	\$25,245	0.0%	\$0
Narromine	6100000158	Mains	Town Reticulation Water Mains	1930	160.0	150	Exclude	Pre 1989 Asset	\$27,686	0.0%	\$0
Narromine	6100000160	Mains	Town Reticulation Water Mains	1930	150.0	150	Exclude	Pre 1989 Asset	\$25,956	0.0%	\$0
Narromine	6100000161	Mains	Town Reticulation Water Mains	1930	230.0	100	Exclude	Pre 1989 Asset	\$27,007	0.0%	\$0
Narromine	6100000162	Mains	Town Reticulation Water Mains	1930	230.0	100	Exclude	Pre 1989 Asset	\$27,007	0.0%	\$0
Narromine	6100000163	Mains	Town Reticulation Water Mains	1930	215.0	100	Exclude	Pre 1989 Asset	\$25,245	0.0%	\$0
Narromine	6100000193	Mains	Town Reticulation Water Mains	1930	12.0	100	Exclude	Pre 1989 Asset	\$1,409	0.0%	\$0
Narromine	6100000195	Mains	Town Reticulation Water Mains	1930	25.0	100	Exclude	Pre 1989 Asset	\$2,936	0.0%	\$0
Narromine	6100000196	Mains	Town Reticulation Water Mains	1930	100.0	100	Exclude	Pre 1989 Asset	\$11,742	0.0%	\$0
Narromine	6100000198	Mains	Town Reticulation Water Mains	1930	85.0	100	Exclude	Pre 1989 Asset	\$9,981	0.0%	\$0
Narromine	6100000199	Mains	Town Reticulation Water Mains	1930	225.0	100	Exclude	Pre 1989 Asset	\$26,420	0.0%	\$0
Narromine	6100000200	Mains	Town Reticulation Water Mains	1930	82.0	100	Exclude	Pre 1989 Asset	\$9,628	0.0%	\$0
Narromine	6100000201	Mains	Town Reticulation Water Mains	1930	240.0	100	Exclude	Pre 1989 Asset	\$28,181	0.0%	\$0
Narromine	6100000202	Mains	Town Reticulation Water Mains	1930	80.0	100	Exclude	Pre 1989 Asset	\$9,394	0.0%	\$0
Narromine	6100000204	Mains	Town Reticulation Water Mains	1930	70.0	100	Exclude	Pre 1989 Asset	\$8,219	0.0%	\$0
Narromine	6100000205	Mains	Town Reticulation Water Mains	1930	220.0	100	Exclude	Pre 1989 Asset	\$25,832	0.0%	\$0
Narromine	6100000207	Mains	Town Reticulation Water Mains	1930	230.0	100	Exclude	Pre 1989 Asset	\$27,007	0.0%	\$0
Narromine	6100000208	Mains	Town Reticulation Water Mains	1930	80.0	150	Exclude	Pre 1989 Asset	\$13,843	0.0%	\$0
Narromine	6100000209	Mains	Town Reticulation Water Mains	1930	235.0	100	Exclude	Pre 1989 Asset	\$27,594	0.0%	\$0
Narromine	6100000210	Mains	Town Reticulation Water Mains	1930	85.0	150	Exclude	Pre 1989 Asset	\$14,708	0.0%	\$0
Narromine	6100000212	Mains	Town Reticulation Water Mains	1930	70.0	150	Exclude	Pre 1989 Asset	\$12,113	0.0%	\$0
Narromine	6100000214	Mains	Town Reticulation Water Mains	1930	75.0	150	Exclude	Pre 1989 Asset	\$12,978	0.0%	\$0
Narromine	6100000216	Mains	Town Reticulation Water Mains	1930	10.0	150	Exclude	Pre 1989 Asset	\$1,730	0.0%	\$0
Narromine	6100000217	Mains	Town Reticulation Water Mains	1930	150.0	150	Exclude	Pre 1989 Asset	\$25,956	0.0%	\$0
Narromine	6100000219	Mains	Town Reticulation Water Mains	1930	160.0	150	Exclude	Pre 1989 Asset	\$27,686	0.0%	\$0
Narromine	6100000222	Mains	Town Reticulation Water Mains	1930	75.0	100	Exclude	Pre 1989 Asset	\$8,807	0.0%	\$0
Narromine	6100000224	Mains	Town Reticulation Water Mains	1930	80.0	100	Exclude	Pre 1989 Asset	\$9,394	0.0%	\$0
Narromine	6100000227	Mains	Town Reticulation Water Mains	1930	90.0	100	Exclude	Pre 1989 Asset	\$10,568	0.0%	\$0
Narromine	6100000234	Mains	Town Reticulation Water Mains	1930	140.0	75	Exclude	Pre 1989 Asset	\$11,248	0.0%	\$0
Narromine	6100000246	Mains	Town Reticulation Water Mains	1930	80.0	100	Exclude	Pre 1989 Asset	\$9,394	0.0%	\$0

Existing Assets - Water Supply

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Diameter (mm)					
Narromine	610000249	Mains	Town Reticulation Water Mains	1930	100.0	100	Exclude	Pre 1989 Asset	\$11,742	0.0%	\$0
Narromine	610000250	Mains	Town Reticulation Water Mains	1930	10.0	100	Exclude	Pre 1989 Asset	\$1,174	0.0%	\$0
Narromine	610000252	Mains	Town Reticulation Water Mains	1930	120.0	150	Exclude	Pre 1989 Asset	\$20,765	0.0%	\$0
Narromine	610000253	Mains	Town Reticulation Water Mains	1930	190.0	100	Exclude	Pre 1989 Asset	\$22,310	0.0%	\$0
Narromine	610000255	Mains	Town Reticulation Water Mains	1930	130.0	100	Exclude	Pre 1989 Asset	\$15,265	0.0%	\$0
Narromine	610000258	Mains	Town Reticulation Water Mains	1930	200.0	100	Exclude	Pre 1989 Asset	\$23,484	0.0%	\$0
Narromine	610000263	Mains	Town Reticulation Water Mains	1930	185.0	100	Exclude	Pre 1989 Asset	\$21,723	0.0%	\$0
Narromine	610000265	Mains	Town Reticulation Water Mains	1930	260.0	100	Exclude	Pre 1989 Asset	\$30,529	0.0%	\$0
Narromine	610000268	Mains	Town Reticulation Water Mains	1930	140.0	100	Exclude	Pre 1989 Asset	\$16,439	0.0%	\$0
Narromine	610000271	Mains	Town Reticulation Water Mains	1930	120.0	100	Exclude	Pre 1989 Asset	\$14,090	0.0%	\$0
Narromine	610000274	Mains	Town Reticulation Water Mains	1930	10.0	100	Exclude	Pre 1989 Asset	\$1,174	0.0%	\$0
Narromine	610000275	Mains	Town Reticulation Water Mains	1930	150.0	150	Exclude	Pre 1989 Asset	\$25,956	0.0%	\$0
Narromine	610000278	Mains	Town Reticulation Water Mains	1930	75.0	150	Exclude	Pre 1989 Asset	\$12,978	0.0%	\$0
Narromine	610000279	Mains	Town Reticulation Water Mains	1930	210.0	100	Exclude	Pre 1989 Asset	\$24,658	0.0%	\$0
Narromine	610000280	Mains	Town Reticulation Water Mains	1930	75.0	150	Exclude	Pre 1989 Asset	\$12,978	0.0%	\$0
Narromine	610000049	Mains	Town Reticulation Water Mains	1950	150.0	150	Exclude	Pre 1989 Asset	\$25,956	0.0%	\$0
Narromine	610000051	Mains	Town Reticulation Water Mains	1950	125.0	150	Exclude	Pre 1989 Asset	\$21,630	0.0%	\$0
Narromine	610000055	Mains	Town Reticulation Water Mains	1950	105.0	100	Exclude	Pre 1989 Asset	\$12,329	0.0%	\$0
Narromine	610000056	Mains	Town Reticulation Water Mains	1950	165.0	100	Exclude	Pre 1989 Asset	\$19,374	0.0%	\$0
Narromine	610000060	Mains	Town Reticulation Water Mains	1950	125.0	100	Exclude	Pre 1989 Asset	\$14,678	0.0%	\$0
Narromine	610000061	Mains	Town Reticulation Water Mains	1950	230.0	75	Exclude	Pre 1989 Asset	\$18,478	0.0%	\$0
Narromine	610000064	Mains	Town Reticulation Water Mains	1950	15.0	150	Exclude	Pre 1989 Asset	\$2,596	0.0%	\$0
Narromine	610000068	Mains	Town Reticulation Water Mains	1950	30.0	300	Exclude	Pre 1989 Asset	\$11,866	0.0%	\$0
Narromine	610000069	Mains	Town Reticulation Water Mains	1950	140.0	150	Exclude	Pre 1989 Asset	\$24,226	0.0%	\$0
Narromine	610000070	Mains	Town Reticulation Water Mains	1950	140.0	150	Exclude	Pre 1989 Asset	\$24,226	0.0%	\$0
Narromine	610000073	Mains	Town Reticulation Water Mains	1950	70.0	100	Exclude	Pre 1989 Asset	\$8,219	0.0%	\$0
Narromine	610000076	Mains	Town Reticulation Water Mains	1950	552.0	150	Exclude	Pre 1989 Asset	\$95,518	0.0%	\$0
Narromine	610000079	Mains	Town Reticulation Water Mains	1950	290.0	150	Exclude	Pre 1989 Asset	\$50,182	0.0%	\$0
Narromine	610000080	Mains	Town Reticulation Water Mains	1950	115.0	100	Exclude	Pre 1989 Asset	\$13,503	0.0%	\$0
Narromine	610000081	Mains	Town Reticulation Water Mains	1950	75.0	150	Exclude	Pre 1989 Asset	\$12,978	0.0%	\$0
Narromine	610000082	Mains	Town Reticulation Water Mains	1950	165.0	150	Exclude	Pre 1989 Asset	\$28,552	0.0%	\$0
Narromine	610000085	Mains	Town Reticulation Water Mains	1950	150.0	100	Exclude	Pre 1989 Asset	\$17,613	0.0%	\$0
Narromine	610000086	Mains	Town Reticulation Water Mains	1950	140.0	100	Exclude	Pre 1989 Asset	\$16,439	0.0%	\$0
Narromine	610000087	Mains	Town Reticulation Water Mains	1950	155.0	150	Exclude	Pre 1989 Asset	\$26,821	0.0%	\$0
Narromine	610000094	Mains	Town Reticulation Water Mains	1950	20.0	150	Exclude	Pre 1989 Asset	\$3,461	0.0%	\$0
Narromine	610000095	Mains	Town Reticulation Water Mains	1950	210.0	100	Exclude	Pre 1989 Asset	\$24,658	0.0%	\$0
Narromine	610000096	Mains	Town Reticulation Water Mains	1950	165.0	150	Exclude	Pre 1989 Asset	\$28,552	0.0%	\$0
Narromine	610000097	Mains	Town Reticulation Water Mains	1950	220.0	100	Exclude	Pre 1989 Asset	\$25,832	0.0%	\$0
Narromine	610000098	Mains	Town Reticulation Water Mains	1950	20.0	150	Exclude	Pre 1989 Asset	\$3,461	0.0%	\$0
Narromine	610000105	Mains	Town Reticulation Water Mains	1950	210.0	100	Exclude	Pre 1989 Asset	\$24,658	0.0%	\$0
Narromine	610000107	Mains	Town Reticulation Water Mains	1950	155.0	100	Exclude	Pre 1989 Asset	\$18,200	0.0%	\$0
Narromine	610000109	Mains	Town Reticulation Water Mains	1950	170.0	100	Exclude	Pre 1989 Asset	\$19,961	0.0%	\$0
Narromine	610000111	Mains	Town Reticulation Water Mains	1950	112.0	100	Exclude	Pre 1989 Asset	\$13,151	0.0%	\$0
Narromine	610000112	Mains	Town Reticulation Water Mains	1950	230.0	100	Exclude	Pre 1989 Asset	\$27,007	0.0%	\$0
Narromine	610000113	Mains	Town Reticulation Water Mains	1950	2.0	100	Exclude	Pre 1989 Asset	\$235	0.0%	\$0
Narromine	610000114	Mains	Town Reticulation Water Mains	1950	682.0	100	Exclude	Pre 1989 Asset	\$80,080	0.0%	\$0
Narromine	610000115	Mains	Town Reticulation Water Mains	1950	580.0	75	Exclude	Pre 1989 Asset	\$46,597	0.0%	\$0
Narromine	610000117	Mains	Town Reticulation Water Mains	1950	240.0	100	Exclude	Pre 1989 Asset	\$41,530	0.0%	\$0
Narromine	610000123	Mains	Town Reticulation Water Mains	1950	50.0	225	Exclude	Pre 1989 Asset	\$13,596	0.0%	\$0
Narromine	610000124	Mains	Town Reticulation Water Mains	1950	330.0	150	Exclude	Pre 1989 Asset	\$57,103	0.0%	\$0
Narromine	610000127	Mains	Town Reticulation Water Mains	1950	130.0	150	Exclude	Pre 1989 Asset	\$22,495	0.0%	\$0
Narromine	610000128	Mains	Town Reticulation Water Mains	1950	150.0	100	Exclude	Pre 1989 Asset	\$17,613	0.0%	\$0
Narromine	610000136	Mains	Town Reticulation Water Mains	1950	255.0	100	Exclude	Pre 1989 Asset	\$29,942	0.0%	\$0
Narromine	610000146	Mains	Town Reticulation Water Mains	1950	130.0	100	Exclude	Pre 1989 Asset	\$15,265	0.0%	\$0
Narromine	610000147	Mains	Town Reticulation Water Mains	1950	36.0	100	Exclude	Pre 1989 Asset	\$4,227	0.0%	\$0
Narromine	610000148	Mains	Town Reticulation Water Mains	1950	83.0	100	Exclude	Pre 1989 Asset	\$9,746	0.0%	\$0
Narromine	610000149	Mains	Town Reticulation Water Mains	1950	67.0	100	Exclude	Pre 1989 Asset	\$7,867	0.0%	\$0
Narromine	610000150	Mains	Town Reticulation Water Mains	1950	45.0	100	Exclude	Pre 1989 Asset	\$5,284	0.0%	\$0
Narromine	610000151	Mains	Town Reticulation Water Mains	1950	71.5	100	Exclude	Pre 1989 Asset	\$8,396	0.0%	\$0
Narromine	610000152	Mains	Town Reticulation Water Mains	1950	360.0	100	Exclude	Pre 1989 Asset	\$42,271	0.0%	\$0
Narromine	610000154	Mains	Town Reticulation Water Mains	1950	160.0	100	Exclude	Pre 1989 Asset	\$18,787	0.0%	\$0
Narromine	610000155	Mains	Town Reticulation Water Mains	1950	215.0	100	Exclude	Pre 1989 Asset	\$25,245	0.0%	\$0
Narromine	610000159	Mains	Town Reticulation Water Mains	1950	230.0	100	Exclude	Pre 1989 Asset	\$27,007	0.0%	\$0
Narromine	610000164	Mains	Town Reticulation Water Mains	1950	50.0	150	Exclude	Pre 1989 Asset	\$8,652	0.0%	\$0
Narromine	610000167	Mains	Town Reticulation Water Mains	1950	150.0	75	Exclude	Pre 1989 Asset	\$12,051	0.0%	\$0
Narromine	610000168	Mains	Town Reticulation Water Mains	1950	120.0	150	Exclude	Pre 1989 Asset	\$20,765	0.0%	\$0
Narromine	610000169	Mains	Town Reticulation Water Mains	1950	12.0	150	Exclude	Pre 1989 Asset	\$2,076	0.0%	\$0
Narromine	610000171	Mains	Town Reticulation Water Mains	1950	100.0	100	Exclude	Pre 1989 Asset	\$11,742	0.0%	\$0
Narromine	610000172	Mains	Town Reticulation Water Mains	1950	185.0	150	Exclude	Pre 1989 Asset	\$32,012	0.0%	\$0
Narromine	610000173	Mains	Town Reticulation Water Mains	1950	85.0	150	Exclude	Pre 1989 Asset	\$14,708	0.0%	\$0
Narromine	610000177	Mains	Town Reticulation Water Mains	1950	10.0	150	Exclude	Pre 1989 Asset	\$1,730	0.0%	\$0
Narromine	610000178	Mains	Town Reticulation Water Mains	1950	250.0	100	Exclude	Pre 1989 Asset	\$29,355	0.0%	\$0
Narromine	610000179	Mains	Town Reticulation Water Mains	1950	125.0	150	Exclude	Pre 1989 Asset	\$21,630	0.0%	\$0
Narromine	610000180	Mains	Town Reticulation Water Mains	1950	100.0	150	Exclude	Pre 1989 Asset	\$17,304	0.0%	\$0
Narromine	610000181	Mains	Town Reticulation Water Mains	1950	85.0	150	Exclude	Pre 1989 Asset	\$14,708	0.0%	\$0



Existing Assets - Water Supply

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Diameter (mm)					
Narromine	610000182	Mains	Town Reticulation Water Mains	1950	56.0	100	Exclude	Pre 1989 Asset	\$6,576	0.0%	\$0
Narromine	610000183	Mains	Town Reticulation Water Mains	1950	96.0	150	Exclude	Pre 1989 Asset	\$16,612	0.0%	\$0
Narromine	610000184	Mains	Town Reticulation Water Mains	1950	95.0	150	Exclude	Pre 1989 Asset	\$16,439	0.0%	\$0
Narromine	610000185	Mains	Town Reticulation Water Mains	1950	144.0	150	Exclude	Pre 1989 Asset	\$24,918	0.0%	\$0
Narromine	610000186	Mains	Town Reticulation Water Mains	1950	110.0	100	Exclude	Pre 1989 Asset	\$12,916	0.0%	\$0
Narromine	610000187	Mains	Town Reticulation Water Mains	1950	92.0	150	Exclude	Pre 1989 Asset	\$15,920	0.0%	\$0
Narromine	610000188	Mains	Town Reticulation Water Mains	1950	65.0	150	Exclude	Pre 1989 Asset	\$11,248	0.0%	\$0
Narromine	610000189	Mains	Town Reticulation Water Mains	1950	128.0	150	Exclude	Pre 1989 Asset	\$22,149	0.0%	\$0
Narromine	610000190	Mains	Town Reticulation Water Mains	1950	83.0	100	Exclude	Pre 1989 Asset	\$9,746	0.0%	\$0
Narromine	610000191	Mains	Town Reticulation Water Mains	1950	70.0	150	Exclude	Pre 1989 Asset	\$12,113	0.0%	\$0
Narromine	610000192	Mains	Town Reticulation Water Mains	1950	11.0	150	Exclude	Pre 1989 Asset	\$1,903	0.0%	\$0
Narromine	610000197	Mains	Town Reticulation Water Mains	1950	390.0	150	Exclude	Pre 1989 Asset	\$67,486	0.0%	\$0
Narromine	610000203	Mains	Town Reticulation Water Mains	1950	230.0	100	Exclude	Pre 1989 Asset	\$27,007	0.0%	\$0
Narromine	610000206	Mains	Town Reticulation Water Mains	1950	155.0	100	Exclude	Pre 1989 Asset	\$18,200	0.0%	\$0
Narromine	610000213	Mains	Town Reticulation Water Mains	1950	175.0	150	Exclude	Pre 1989 Asset	\$30,282	0.0%	\$0
Narromine	610000215	Mains	Town Reticulation Water Mains	1950	230.0	150	Exclude	Pre 1989 Asset	\$39,799	0.0%	\$0
Narromine	610000218	Mains	Town Reticulation Water Mains	1950	235.0	150	Exclude	Pre 1989 Asset	\$40,664	0.0%	\$0
Narromine	610000221	Mains	Town Reticulation Water Mains	1950	250.0	250	Exclude	Pre 1989 Asset	\$77,250	0.0%	\$0
Narromine	610000223	Mains	Town Reticulation Water Mains	1950	120.0	150	Exclude	Pre 1989 Asset	\$20,765	0.0%	\$0
Narromine	610000225	Mains	Town Reticulation Water Mains	1950	65.0	100	Exclude	Pre 1989 Asset	\$7,632	0.0%	\$0
Narromine	610000226	Mains	Town Reticulation Water Mains	1950	160.0	150	Exclude	Pre 1989 Asset	\$27,686	0.0%	\$0
Narromine	610000228	Mains	Town Reticulation Water Mains	1950	165.0	150	Exclude	Pre 1989 Asset	\$28,552	0.0%	\$0
Narromine	610000229	Mains	Town Reticulation Water Mains	1950	20.0	150	Exclude	Pre 1989 Asset	\$3,461	0.0%	\$0
Narromine	610000230	Mains	Town Reticulation Water Mains	1950	90.0	100	Exclude	Pre 1989 Asset	\$10,568	0.0%	\$0
Narromine	610000231	Mains	Town Reticulation Water Mains	1950	220.0	150	Exclude	Pre 1989 Asset	\$38,069	0.0%	\$0
Narromine	610000232	Mains	Town Reticulation Water Mains	1950	60.0	100	Exclude	Pre 1989 Asset	\$7,045	0.0%	\$0
Narromine	610000233	Mains	Town Reticulation Water Mains	1950	140.0	100	Exclude	Pre 1989 Asset	\$16,439	0.0%	\$0
Narromine	610000235	Mains	Town Reticulation Water Mains	1950	85.0	100	Exclude	Pre 1989 Asset	\$9,981	0.0%	\$0
Narromine	610000236	Mains	Town Reticulation Water Mains	1950	390.0	150	Exclude	Pre 1989 Asset	\$67,486	0.0%	\$0
Narromine	610000237	Mains	Town Reticulation Water Mains	1950	90.0	100	Exclude	Pre 1989 Asset	\$10,568	0.0%	\$0
Narromine	610000238	Mains	Town Reticulation Water Mains	1950	260.0	150	Exclude	Pre 1989 Asset	\$44,990	0.0%	\$0
Narromine	610000239	Mains	Town Reticulation Water Mains	1950	170.0	100	Exclude	Pre 1989 Asset	\$19,961	0.0%	\$0
Narromine	610000240	Mains	Town Reticulation Water Mains	1950	135.0	100	Exclude	Pre 1989 Asset	\$15,852	0.0%	\$0
Narromine	610000241	Mains	Town Reticulation Water Mains	1950	110.0	100	Exclude	Pre 1989 Asset	\$12,916	0.0%	\$0
Narromine	610000242	Mains	Town Reticulation Water Mains	1950	80.0	100	Exclude	Pre 1989 Asset	\$9,394	0.0%	\$0
Narromine	610000243	Mains	Town Reticulation Water Mains	1950	70.0	300	Exclude	Pre 1989 Asset	\$27,686	0.0%	\$0
Narromine	610000244	Mains	Town Reticulation Water Mains	1950	240.0	150	Exclude	Pre 1989 Asset	\$41,530	0.0%	\$0
Narromine	610000245	Mains	Town Reticulation Water Mains	1950	300.0	150	Exclude	Pre 1989 Asset	\$51,912	0.0%	\$0
Narromine	610000247	Mains	Town Reticulation Water Mains	1950	40.0	75	Exclude	Pre 1989 Asset	\$3,214	0.0%	\$0
Narromine	610000248	Mains	Town Reticulation Water Mains	1950	225.0	100	Exclude	Pre 1989 Asset	\$26,420	0.0%	\$0
Narromine	610000251	Mains	Town Reticulation Water Mains	1950	120.0	150	Exclude	Pre 1989 Asset	\$20,765	0.0%	\$0
Narromine	610000256	Mains	Town Reticulation Water Mains	1950	137.1	100	Exclude	Pre 1989 Asset	\$16,098	0.0%	\$0
Narromine	610000259	Mains	Town Reticulation Water Mains	1950	115.0	100	Exclude	Pre 1989 Asset	\$13,503	0.0%	\$0
Narromine	610000261	Mains	Town Reticulation Water Mains	1950	121.9	100	Exclude	Pre 1989 Asset	\$14,313	0.0%	\$0
Narromine	610000262	Mains	Town Reticulation Water Mains	1950	185.0	100	Exclude	Pre 1989 Asset	\$21,723	0.0%	\$0
Narromine	610000264	Mains	Town Reticulation Water Mains	1950	160.0	150	Exclude	Pre 1989 Asset	\$27,686	0.0%	\$0
Narromine	610000266	Mains	Town Reticulation Water Mains	1950	150.0	150	Exclude	Pre 1989 Asset	\$25,956	0.0%	\$0
Narromine	610000269	Mains	Town Reticulation Water Mains	1950	80.0	100	Exclude	Pre 1989 Asset	\$9,394	0.0%	\$0
Narromine	610000270	Mains	Town Reticulation Water Mains	1950	2.0	100	Exclude	Pre 1989 Asset	\$235	0.0%	\$0
Narromine	610000276	Mains	Town Reticulation Water Mains	1950	230.0	100	Exclude	Pre 1989 Asset	\$27,007	0.0%	\$0
Narromine	610000281	Mains	Town Reticulation Water Mains	1950	240.0	300	Exclude	Pre 1989 Asset	\$94,925	0.0%	\$0
Narromine	610000282	Mains	Town Reticulation Water Mains	1950	70.0	100	Exclude	Pre 1989 Asset	\$8,219	0.0%	\$0
Narromine	610000283	Mains	Town Reticulation Water Mains	1950	10.0	150	Exclude	Pre 1989 Asset	\$1,730	0.0%	\$0
Narromine	610000284	Mains	Town Reticulation Water Mains	1950	90.0	100	Exclude	Pre 1989 Asset	\$10,568	0.0%	\$0
Narromine	610000285	Mains	Town Reticulation Water Mains	1950	205.0	100	Exclude	Pre 1989 Asset	\$24,071	0.0%	\$0
Narromine	610000286	Mains	Town Reticulation Water Mains	1950	40.0	100	Exclude	Pre 1989 Asset	\$4,697	0.0%	\$0
Narromine	610000287	Mains	Town Reticulation Water Mains	1950	100.0	100	Exclude	Pre 1989 Asset	\$11,742	0.0%	\$0
Narromine	610000288	Mains	Town Reticulation Water Mains	1950	240.0	100	Exclude	Pre 1989 Asset	\$26,181	0.0%	\$0
Narromine	610000289	Mains	Town Reticulation Water Mains	1950	20.0	100	Exclude	Pre 1989 Asset	\$2,348	0.0%	\$0
Narromine	610000290	Mains	Town Reticulation Water Mains	1950	240.0	150	Exclude	Pre 1989 Asset	\$41,530	0.0%	\$0
Narromine	610000291	Mains	Town Reticulation Water Mains	1950	150.0	100	Exclude	Pre 1989 Asset	\$17,613	0.0%	\$0
Narromine	610000293	Mains	Town Reticulation Water Mains	1950	150.0	300	Exclude	Pre 1989 Asset	\$59,328	0.0%	\$0
Narromine	610000294	Mains	Town Reticulation Water Mains	1950	263.5	150	Exclude	Pre 1989 Asset	\$45,596	0.0%	\$0
Narromine	610000295	Mains	Town Reticulation Water Mains	1950	100.0	150	Exclude	Pre 1989 Asset	\$17,304	0.0%	\$0
Narromine	610000296	Mains	Town Reticulation Water Mains	1950	94.2	150	Exclude	Pre 1989 Asset	\$16,300	0.0%	\$0
Narromine	610000297	Mains	Town Reticulation Water Mains	1950	180.0	100	Exclude	Pre 1989 Asset	\$21,136	0.0%	\$0
Narromine	610000298	Mains	Town Reticulation Water Mains	1950	50.0	100	Exclude	Pre 1989 Asset	\$5,871	0.0%	\$0
Narromine	610000299	Mains	Town Reticulation Water Mains	1950	300.0	300	Exclude	Pre 1989 Asset	\$118,656	0.0%	\$0
Narromine	610000300	Mains	Town Reticulation Water Mains	1950	480.0	300	Exclude	Pre 1989 Asset	\$189,850	0.0%	\$0
Narromine	610000301	Mains	Town Reticulation Water Mains	1950	700.0	300	Exclude	Pre 1989 Asset	\$276,864	0.0%	\$0
Narromine	610000302	Mains	Town Reticulation Water Mains	1950	120.0	150	Exclude	Pre 1989 Asset	\$20,765	0.0%	\$0
Narromine	610000303	Mains	Town Reticulation Water Mains	1950	10.0	200	Exclude	Pre 1989 Asset	\$2,348	0.0%	\$0
Narromine	610000304	Mains	Town Reticulation Water Mains	1950	260.0	300	Exclude	Pre 1989 Asset	\$102,835	0.0%	\$0
Narromine	610000305	Mains	Town Reticulation Water Mains	1950	700.0	300	Exclude	Pre 1989 Asset	\$276,864	0.0%	\$0
Narromine	610000306	Mains	Town Reticulation Water Mains	1950	290.0	150	Exclude	Pre 1989 Asset	\$50,182	0.0%	\$0

Existing Assets - Water Supply

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Diameter (mm)					
Narromine	610000307	Mains	Town Reticulation Water Mains	1950	4.0	150	Exclude	Pre 1989 Asset	\$692	0.0%	\$0
Narromine	610000308	Mains	Town Reticulation Water Mains	1950	630.0	300	Exclude	Pre 1989 Asset	\$249,178	0.0%	\$0
Narromine	610000309	Mains	Town Reticulation Water Mains	1950	5.0	300	Exclude	Pre 1989 Asset	\$1,978	0.0%	\$0
Narromine	610000310	Mains	Town Reticulation Water Mains	1950	530.0	300	Exclude	Pre 1989 Asset	\$209,626	0.0%	\$0
Narromine	610000311	Mains	Town Reticulation Water Mains	1950	60.0	300	Exclude	Pre 1989 Asset	\$23,731	0.0%	\$0
Narromine	610000312	Mains	Town Reticulation Water Mains	1950	20.0	300	Exclude	Pre 1989 Asset	\$7,910	0.0%	\$0
Narromine	610000313	Mains	Town Reticulation Water Mains	1950	630.0	300	Exclude	Pre 1989 Asset	\$249,178	0.0%	\$0
Narromine	610000314	Mains	Town Reticulation Water Mains	1950	20.0	300	Exclude	Pre 1989 Asset	\$7,910	0.0%	\$0
Narromine	610000315	Mains	Town Reticulation Water Mains	1950	20.0	300	Exclude	Pre 1989 Asset	\$7,910	0.0%	\$0
Narromine	610000316	Mains	Town Reticulation Water Mains	1950	630.0	300	Exclude	Pre 1989 Asset	\$249,178	0.0%	\$0
Narromine	610000035	Mains	Town Reticulation Raw Water Mains	1950	130.0	225	Exclude	Pre 1989 Asset	\$35,350	0.0%	\$0
Narromine		Bore	Bore 3 Raw Water Supply Bore Civil Works	31/05/1905			Exclude	Pre 1989 Asset	\$65,000	0.0%	\$0
Narromine		Bore	Bore 3 Raw Water Supply Bore Electrical	31/05/1905			Exclude	Pre 1989 Asset	\$29,250	0.0%	\$0
Narromine		Bore	Bore 3 Raw Water Supply Bore Mechanical	31/05/1905			Exclude	Pre 1989 Asset	\$51,350	0.0%	\$0
Narromine		Building	Bore 3 Raw Water Supply Building Civil Works	31/05/1905			Exclude	Pre 1989 Asset	\$13,910	0.0%	\$0
Narromine		Building	Bore 3 Raw Water Supply Building Mechanical	31/05/1905			Exclude	Pre 1989 Asset	\$1,950	0.0%	\$0
Narromine		Chlorine Dosing	Bore 3 Raw Water Supply Chlorine Dosing	31/05/1905			Exclude	Pre 1989 Asset	\$3,250	0.0%	\$0
Narromine	610000011	Bore	Bore 6 Raw Water Supply Bore Civil Works	1978			Exclude	Pre 1989 Asset	\$64,350	0.0%	\$0
Narromine	610000012	Bore	Bore 7 Raw Water Supply Bore Civil Works	1979			Exclude	Pre 1989 Asset	\$65,000	0.0%	\$0
Narromine	610000013	Bore	Bore 8 Raw Water Supply Bore Civil Works	1979			Exclude	Pre 1989 Asset	\$65,000	0.0%	\$0
Narromine		Balance Tank	Narromine High Lift PS Pump Stations Balance Tank Civil Works	1980			Exclude	Pre 1989 Asset	\$183,625	0.0%	\$0
Narromine		Building	Narromine High Lift PS Pump Stations Building Civil Works	1980			Exclude	Pre 1989 Asset	\$131,040	0.0%	\$0
Narromine		Building	Narromine High Lift PS Pump Stations Building Electrical	1980			Exclude	Pre 1989 Asset	\$23,400	0.0%	\$0
Narromine		Building	Narromine High Lift PS Pump Stations Building Mechanical	1980			Exclude	Pre 1989 Asset	\$14,040	0.0%	\$0
Narromine		Chlorine Dosing	Narromine High Lift PS Pump Stations Chlorine Dosing Mechanical	1980			Exclude	Pre 1989 Asset	\$16,250	0.0%	\$0
Narromine		Building	Nymagee Street Res Potable Water Storage Building Civil Works	1984			Exclude	Pre 1989 Asset	\$4,550	0.0%	\$0
Narromine		Building	Nymagee Street Res Potable Water Storage Building Electrical	1984			Exclude	Pre 1989 Asset	\$14,300	0.0%	\$0
Narromine		Building	Nymagee Street Res Potable Water Storage Building Mechanical	1984			Exclude	Pre 1989 Asset	\$3,250	0.0%	\$0
Narromine		Process Systems	Nymagee Street Res Potable Water Storage Process Systems Electrical	1984			Exclude	Pre 1989 Asset	\$149,500	0.0%	\$0
Narromine		Process Systems	Nymagee Street Res Potable Water Storage Process Systems Mechanical	1984			Exclude	Pre 1989 Asset	\$208,000	0.0%	\$0
Narromine	610000017	Reservoir	Nymagee Street Res Potable Water Storage Reservoir Civil Works	1984			Exclude	Pre 1989 Asset	\$1,682,540	0.0%	\$0
Narromine		Reservoir	Nymagee Street Res Potable Water Storage Reservoir Electrical	1984			Exclude	Pre 1989 Asset	\$71,500	0.0%	\$0
Narromine		Reservoir	Nymagee Street Res Potable Water Storage Reservoir Mechanical	1984			Exclude	Pre 1989 Asset	\$454,824	0.0%	\$0
Narromine		Siteworks	Nymagee Street Res Potable Water Storage Siteworks Civil Works	1984			Exclude	Pre 1989 Asset	\$113,750	0.0%	\$0
Narromine		Siteworks	Nymagee Street Res Potable Water Storage Siteworks Electrical	1984			Exclude	Pre 1989 Asset	\$32,500	0.0%	\$0
Narromine		Siteworks	Nymagee Street Res Potable Water Storage Siteworks Mechanical	1984			Exclude	Pre 1989 Asset	\$54,600	0.0%	\$0
Narromine	610000015	Bore	Bore 9 Raw Water Supply Bore Civil Works	1987			Exclude	Pre 1989 Asset	\$65,000	0.0%	\$0
Narromine	610000153	Mains	Town Reticulation Water Mains	1998	801.0	75	Exclude	Reticulation Asset	\$64,352	0.0%	\$0
Narromine	610000041	Mains	Town Reticulation Raw Water Mains	1989	75.3	100	Exclude	Reticulation Asset	\$8,842	0.0%	\$0
Narromine	610000043	Mains	Town Reticulation Raw Water Mains	1989	146.3	100	Exclude	Reticulation Asset	\$17,179	0.0%	\$0
Narromine	610000037	Mains	Town Reticulation Raw Water Mains	1996	192.0	100	Exclude	Reticulation Asset	\$22,545	0.0%	\$0
Narromine	610000038	Mains	Town Reticulation Raw Water Mains	1996	63.6	100	Exclude	Reticulation Asset	\$7,471	0.0%	\$0
Narromine	610000039	Mains	Town Reticulation Raw Water Mains	1996	228.2	100	Exclude	Reticulation Asset	\$26,795	0.0%	\$0
Narromine	610000040	Mains	Town Reticulation Raw Water Mains	1996	264.4	100	Exclude	Reticulation Asset	\$31,046	0.0%	\$0
Narromine	610000042	Mains	Town Reticulation Raw Water Mains	1996	133.3	100	Exclude	Reticulation Asset	\$15,652	0.0%	\$0
Narromine	610000044	Mains	Town Reticulation Raw Water Mains	1996	33.6	100	Exclude	Reticulation Asset	\$3,945	0.0%	\$0
Narromine	610000166	Mains	Town Reticulation Water Mains	1989	80.0	150	Include	Trunk Watermain, Post 1989 asset	\$13,843	7.2%	\$999
Narromine	610000220	Mains	Town Reticulation Water Mains	1996	235.0	150	Include	Trunk Watermain, Post 1989 asset	\$40,664	7.2%	\$2,935
Narromine	610000045	Mains	Town Reticulation Raw Water Mains	2006	299.0	150	Include	Trunk Watermain, Post 1989 asset	\$51,739	7.2%	\$3,734
Narromine	610000046	Mains	Town Reticulation Raw Water Mains	2006	72.0	150	Include	Trunk Watermain, Post 1989 asset	\$12,459	7.2%	\$899
Narromine	610000047	Mains	Town Reticulation Raw Water Mains	2006	428.5	150	Include	Trunk Watermain, Post 1989 asset	\$74,148	7.2%	\$5,351
Narromine	610000048	Mains	Town Reticulation Raw Water Mains	2006	42.0	150	Include	Trunk Watermain, Post 1989 asset	\$7,268	7.2%	\$525
Narromine	610000077	Mains	Town Reticulation Water Mains	2007	605.0	150	Include	Trunk Watermain, Post 1989 asset	\$104,689	7.2%	\$7,555
Narromine	610000075	Mains	Town Reticulation Water Mains	2007	570.0	150	Include	Trunk Watermain, Post 1989 asset	\$98,633	7.2%	\$7,118
Narromine	610000176	Mains	Town Reticulation Water Mains	2007	150.0	150	Include	Trunk Watermain, Post 1989 asset	\$25,956	7.2%	\$1,873
Narromine	610000119	Mains	Town Reticulation Water Mains	2008	245.0	150	Include	Trunk Watermain, Post 1989 asset	\$42,395	7.2%	\$3,060
Narromine	610000130	Mains	Town Reticulation Water Mains	2008	150.0	150	Include	Trunk Watermain, Post 1989 asset	\$25,956	7.2%	\$1,873
Narromine	610000157	Mains	Town Reticulation Water Mains	2008	150.0	150	Include	Trunk Watermain, Post 1989 asset	\$25,956	7.2%	\$1,873
Narromine	610000165	Mains	Town Reticulation Water Mains	2008	65.0	150	Include	Trunk Watermain, Post 1989 asset	\$11,248	7.2%	\$812
Narromine	610000138	Mains	Town Reticulation Water Mains	2008	250.0	150	Include	Trunk Watermain, Post 1989 asset	\$43,260	7.2%	\$3,122
Narromine	610000088	Mains	Town Reticulation Water Mains	2008	155.0	150	Include	Trunk Watermain, Post 1989 asset	\$26,821	7.2%	\$1,936
Narromine	610000211	Mains	Town Reticulation Water Mains	2008	55.0	150	Include	Trunk Watermain, Post 1989 asset	\$9,517	7.2%	\$687
Narromine	610000175	Mains	Town Reticulation Water Mains	2008	500.0	150	Include	Trunk Watermain, Post 1989 asset	\$86,520	7.2%	\$6,244
Narromine	610000135	Mains	Town Reticulation Water Mains	2009	150.0	150	Include	Trunk Watermain, Post 1989 asset	\$25,956	7.2%	\$1,873
Narromine	610000260	Mains	Town Reticulation Water Mains	2009	265.0	150	Include	Trunk Watermain, Post 1989 asset	\$45,856	7.2%	\$3,309
Narromine	610000104	Mains	Town Reticulation Water Mains	2009	165.0	150	Include	Trunk Watermain, Post 1989 asset	\$28,552	7.2%	\$2,061
Narromine	610000292	Mains	Town Reticulation Water Mains	2009	275.0	150	Include	Trunk Watermain, Post 1989 asset	\$47,586	7.2%	\$3,434
Narromine	610000272	Mains	Town Reticulation Water Mains	2009	65.0	150	Include	Trunk Watermain, Post 1989 asset	\$11,248	7.2%	\$812
Narromine	610000273	Mains	Town Reticulation Water Mains	2009	45.0	150	Include	Trunk Watermain, Post 1989 asset	\$7,787	7.2%	\$562
Narromine	610000074	Mains	Town Reticulation Water Mains	2009	550.0	150	Include	Trunk Watermain, Post 1989 asset	\$95,172	7.2%	\$6,869
Narromine	610000065	Mains	Town Reticulation Water Mains	2010	27.0	150	Include	Trunk Watermain, Post 1989 asset	\$4,672	7.2%	\$337
Narromine	610000066	Mains	Town Reticulation Water Mains	2010	195.0	150	Include	Trunk Watermain, Post 1989 asset	\$33,743	7.2%	\$2,435
Narromine	610000067	Mains	Town Reticulation Water Mains	2010	355.0	150	Include	Trunk Watermain, Post 1989 asset	\$61,429	7.2%	\$4,433
Narromine	610000257	Mains	Town Reticulation Water Mains	2010	225.0	150	Include	Trunk Watermain, Post 1989 asset	\$38,934	7.2%	\$2,810
Narromine	610000108	Mains	Town Reticulation Water Mains	2010	185.0	150	Include	Trunk Watermain, Post 1989 asset	\$32,012	7.2%	\$2,310

Existing Assets - Water Supply

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Diameter (mm)					
Narromine	610000062	Mains	Town Reticulation Water Mains	2010	140.0	150	Include	Trunk Watermain, Post 1989 asset	\$24,226	7.2%	\$1,748
Narromine	6100000174	Mains	Town Reticulation Water Mains	2011	190.0	150	Include	Trunk Watermain, Post 1989 asset	\$32,878	7.2%	\$2,373
Narromine	6100000254	Mains	Town Reticulation Water Mains	2011	230.0	150	Include	Trunk Watermain, Post 1989 asset	\$39,799	7.2%	\$2,872
Narromine	6100000170	Mains	Town Reticulation Water Mains	2011	390.0	150	Include	Trunk Watermain, Post 1989 asset	\$67,486	7.2%	\$4,870
Narromine	6100000267	Mains	Town Reticulation Water Mains	2011	225.0	150	Include	Trunk Watermain, Post 1989 asset	\$38,934	7.2%	\$2,810
Narromine	6100000277	Mains	Town Reticulation Water Mains	2011	92.0	150	Include	Trunk Watermain, Post 1989 asset	\$15,920	7.2%	\$1,149
Narromine	6100000093	Mains	Town Reticulation Water Mains	2011	230.0	150	Include	Trunk Watermain, Post 1989 asset	\$39,799	7.2%	\$2,872
Narromine	6100000092	Mains	Town Reticulation Water Mains	2012	150.0	150	Include	Trunk Watermain, Post 1989 asset	\$25,956	7.2%	\$1,873
Narromine		Mains	Town Reticulation Water Mains	2016		150	Include	Trunk Watermain, Post 1989 asset	\$0	7.2%	\$0
Narromine	6100000036	Mains	Town Reticulation Raw Water Mains	1989	82.4	200	Include	Trunk Watermain, Post 1989 asset	\$19,351	7.2%	\$1,397
Narromine	6100000194	Mains	Town Reticulation Water Mains	2011	70.0	200	Include	Trunk Watermain, Post 1989 asset	\$16,439	7.2%	\$1,186
Narromine		Mains	Town Reticulation Water Mains	2016	1200.0	250	Include	Trunk Watermain, Post 1989 asset	\$370,800	7.2%	\$26,761
Narromine	6100000052	Mains	Town Reticulation Water Mains	1998	65.0	300	Include	Trunk Watermain, Post 1989 asset	\$25,709	7.2%	\$1,855
Narromine	6100000054	Mains	Town Reticulation Water Mains	1998	65.0	300	Include	Trunk Watermain, Post 1989 asset	\$25,709	7.2%	\$1,855
Narromine	6100000083	Mains	Town Reticulation Water Mains	1998	100.0	300	Include	Trunk Watermain, Post 1989 asset	\$39,552	7.2%	\$2,854
Narromine	6100000089	Mains	Town Reticulation Water Mains	1998	40.0	300	Include	Trunk Watermain, Post 1989 asset	\$15,821	7.2%	\$1,142
Narromine	6100000110	Mains	Town Reticulation Water Mains	1998	40.0	300	Include	Trunk Watermain, Post 1989 asset	\$15,821	7.2%	\$1,142
Narromine	6100000141	Mains	Town Reticulation Water Mains	1998	66.5	300	Include	Trunk Watermain, Post 1989 asset	\$26,302	7.2%	\$1,898
Narromine	6100000142	Mains	Town Reticulation Water Mains	1998	66.5	300	Include	Trunk Watermain, Post 1989 asset	\$26,302	7.2%	\$1,898
Narromine	6100000143	Mains	Town Reticulation Water Mains	1998	66.5	300	Include	Trunk Watermain, Post 1989 asset	\$26,302	7.2%	\$1,898
Narromine	6100000090	Mains	Town Reticulation Water Mains	2007	70.0	300	Include	Trunk Watermain, Post 1989 asset	\$27,686	7.2%	\$1,998
Narromine		Mains	Town Reticulation Water Mains	2016		300	Include	Trunk Watermain, Post 1989 asset	\$118,656	7.2%	\$8,563
Narromine		Bore	Bore 6 Raw Water Supply Bore Electrical	1978			Exclude	Pre 1989 Asset	\$63,700	0.0%	\$0
Narromine		Bore	Bore 6 Raw Water Supply Bore Mechanical	1978			Exclude	Pre 1989 Asset	\$52,650	0.0%	\$0
Narromine		Building	Bore 6 Raw Water Supply Building Civil Works	1978			Exclude	Pre 1989 Asset	\$23,400	0.0%	\$0
Narromine		Building	Bore 6 Raw Water Supply Building Mechanical	1978			Exclude	Pre 1989 Asset	\$4,550	0.0%	\$0
Narromine		Bore	Bore 6A Raw Water Supply Bore Civil Works	2016			Include	Trunk asset, post 1989	\$102,700	7.2%	\$7,412
Narromine		Bore	Bore 7 Raw Water Supply Bore Electrical	1979			Exclude	Pre 1989 Asset	\$29,250	0.0%	\$0
Narromine		Bore	Bore 7 Raw Water Supply Bore Mechanical	1979			Exclude	Pre 1989 Asset	\$51,350	0.0%	\$0
Narromine		Building	Bore 7 Raw Water Supply Building Civil Works	1979			Exclude	Pre 1989 Asset	\$13,910	0.0%	\$0
Narromine		Building	Bore 7 Raw Water Supply Building Mechanical	1979			Exclude	Pre 1989 Asset	\$3,250	0.0%	\$0
Narromine		Bore	Bore 7A Raw Water Supply Bore Civil Works	2016			Include	Trunk asset, post 1989	\$87,100	7.2%	\$6,286
Narromine		Bore	Bore 7A Raw Water Supply Bore Electrical	2016			Include	Trunk asset, post 1989	\$61,750	7.2%	\$4,456
Narromine		Bore	Bore 7A Raw Water Supply Bore Mechanical	2016			Include	Trunk asset, post 1989	\$51,350	7.2%	\$3,706
Narromine		Bore	Bore 8 Raw Water Supply Bore Electrical	1979			Exclude	Pre 1989 Asset	\$29,250	0.0%	\$0
Narromine		Bore	Bore 8 Raw Water Supply Bore Mechanical	1979			Exclude	Pre 1989 Asset	\$51,350	0.0%	\$0
Narromine		Building	Bore 8 Raw Water Supply Building Civil Works	1979			Exclude	Pre 1989 Asset	\$13,910	0.0%	\$0
Narromine		Building	Bore 8 Raw Water Supply Building Mechanical	1979			Exclude	Pre 1989 Asset	\$3,250	0.0%	\$0
Narromine		Bore	Bore 9 Raw Water Supply Bore Electrical	1987			Exclude	Pre 1989 Asset	\$29,250	0.0%	\$0
Narromine		Bore	Bore 9 Raw Water Supply Bore Mechanical	1987			Exclude	Pre 1989 Asset	\$51,350	0.0%	\$0
Narromine		Building	Bore 9 Raw Water Supply Building Civil Works	1987			Exclude	Pre 1989 Asset	\$13,910	0.0%	\$0
Narromine		Building	Bore 9 Raw Water Supply Building Mechanical	1987			Exclude	Pre 1989 Asset	\$3,250	0.0%	\$0
Narromine		Bore	Bore 9A Raw Water Supply Bore Civil Works	2016			Include	Trunk asset, post 1989	\$123,500	7.2%	\$8,913
Narromine		Aeration System	Duffy Street Potable Water Res Potable Water Storage Aeration System Electrical	1965			Exclude	Pre 1989 Asset	\$70,200	0.0%	\$0
Narromine		Aeration System	Duffy Street Potable Water Res Potable Water Storage Aeration System Mechanical	1965			Exclude	Pre 1989 Asset	\$74,750	0.0%	\$0
Narromine		Building	Duffy Street Potable Water Res Potable Water Storage Building Civil Works	1965			Exclude	Pre 1989 Asset	\$14,300	0.0%	\$0
Narromine		Building	Duffy Street Potable Water Res Potable Water Storage Building Electrical	1965			Exclude	Pre 1989 Asset	\$3,250	0.0%	\$0
Narromine		Building	Duffy Street Potable Water Res Potable Water Storage Building Mechanical	1965			Exclude	Pre 1989 Asset	\$4,550	0.0%	\$0
Narromine	6100000016	Reservoir	Duffy Street Potable Water Res Potable Water Storage Reservoir Civil Works	1965			Exclude	Pre 1989 Asset	\$1,663,777	0.0%	\$0
Narromine		Reservoir	Duffy Street Potable Water Res Potable Water Storage Reservoir Coating	2018			Exclude	Maintenance Item	\$347,350	0.0%	\$0
Narromine		Reservoir	Duffy Street Potable Water Res Potable Water Storage Reservoir Coating	2018			Exclude	Maintenance Item	\$192,972	0.0%	\$0
Narromine		Reservoir	Duffy Street Potable Water Res Potable Water Storage Reservoir Electrical	1965			Exclude	Pre 1989 Asset	\$71,500	0.0%	\$0
Narromine		Reservoir	Duffy Street Potable Water Res Potable Water Storage Reservoir Mechanical	1965			Exclude	Pre 1989 Asset	\$435,578	0.0%	\$0
Narromine		Stetworks	Duffy Street Potable Water Res Potable Water Storage Stetworks Civil Works	1965			Exclude	Pre 1989 Asset	\$19,500	0.0%	\$0
Narromine		Stetworks	Duffy Street Potable Water Res Potable Water Storage Stetworks Electrical	1965			Exclude	Pre 1989 Asset	\$19,500	0.0%	\$0
Narromine		Stetworks	Duffy Street Potable Water Res Potable Water Storage Stetworks Mechanical	1965			Exclude	Pre 1989 Asset	\$30,420	0.0%	\$0
Narromine		Bore	Monitoring Hole 1 Raw Water Supply Bore Civil Works	2015			Include	Trunk asset, post 1989	\$52,000	7.2%	\$3,763
Narromine		Aeration System	Narromine High Lift PS Pump Stations Aeration System Electrical	2010			Include	Trunk asset, post 1989	\$26,000	7.2%	\$1,876
Narromine		Aeration System	Narromine High Lift PS Pump Stations Aeration System Mechanical	2010			Include	Trunk asset, post 1989	\$57,200	7.2%	\$4,128
Narromine		Balance Tank	Narromine High Lift PS Pump Stations Balance Tank Electrical	1980			Exclude	Pre 1989 Asset	\$8,450	0.0%	\$0
Narromine		Balance Tank	Narromine High Lift PS Pump Stations Balance Tank Mechanical	1980			Exclude	Pre 1989 Asset	\$89,830	0.0%	\$0
Narromine		High Lift PS	Narromine High Lift PS Pump Stations High Lift PS Electrical	1980			Exclude	Pre 1989 Asset	\$189,150	0.0%	\$0
Narromine		High Lift PS	Narromine High Lift PS Pump Stations High Lift PS Mechanical	1980			Exclude	Pre 1989 Asset	\$182,000	0.0%	\$0
Narromine		Building	Narromine River PS Pump Stations Building Civil Works	1980			Exclude	Pre 1989 Asset	\$182,000	0.0%	\$0
Narromine		Building	Narromine River PS Pump Stations Building Electrical	1980			Exclude	Pre 1989 Asset	\$19,500	0.0%	\$0
Narromine		Building	Narromine River PS Pump Stations Building Mechanical	1980			Exclude	Pre 1989 Asset	\$32,500	0.0%	\$0
Narromine		River PS	Narromine River PS Pump Stations River PS Civil Works	1980			Exclude	Pre 1989 Asset	\$404,300	0.0%	\$0
Narromine		River PS	Narromine River PS Pump Stations River PS Electrical	1980			Exclude	Pre 1989 Asset	\$56,550	0.0%	\$0
Narromine		River PS	Narromine River PS Pump Stations River PS Mechanical	1980			Exclude	Pre 1989 Asset	\$97,500	0.0%	\$0
Narromine		Mains	Town Reticulation Raw Water Mains Replacement	2009			Exclude		\$0	0.0%	\$0
Narromine		Mains	Town Reticulation Raw Water Mains Replacement	2010			Exclude		\$0	0.0%	\$0
Narromine		Mains	Town Reticulation Raw Water Mains Replacement	2011			Exclude		\$0	0.0%	\$0
Narromine		Chlorine Dosing	Narromine High Lift PS	2018			Include	Trunk asset, post 1989	\$250,000	7.2%	\$18,042

## Calculation of the Recoverable Portion:

Areas served by Assets	ET Uptake 1995/96 - 2048/49	Total ET 2048/49	Growth Proportion
Narramine	123	1,704	7.2%

## Existing Assets - Sewerage

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Dia (mm)					
Narramine	710000001	Pump Stations	SPS 1 Nymagee Street West / Coles Lane Pump Stations Dry Well Civil Work	1966	NA	NA	Exclude	Pre 1989 asset	\$616,821	0.0%	\$0
Narramine		Pump Stations	SPS 1 Nymagee Street West / Coles Lane Pump Stations Dry Well Electrical	1966	NA	NA	Exclude	Pre 1989 asset	\$19,500	0.0%	\$0
Narramine		Pump Stations	SPS 1 Nymagee Street West / Coles Lane Pump Stations Electrical RTU	1966	NA	NA	Exclude	Pre 1989 asset	\$18,200	0.0%	\$0
Narramine		Pump Stations	SPS 1 Nymagee Street West / Coles Lane Pump Stations Electrical	1966	NA	NA	Exclude	Pre 1989 asset	\$76,700	0.0%	\$0
Narramine		Pump Stations	SPS 1 Nymagee Street West / Coles Lane Pump Stations Dry Well Mechanical	1966	NA	NA	Exclude	Pre 1989 asset	\$32,500	0.0%	\$0
Narramine		Pump Stations	SPS 1 Nymagee Street West / Coles Lane Pump Stations Pipework	1966	NA	NA	Exclude	Pre 1989 asset	\$64,500	0.0%	\$0
Narramine		Pump Stations	SPS 1 Nymagee Street West / Coles Lane Pump Stations Valves	1966	NA	NA	Exclude	Pre 1989 asset	\$36,400	0.0%	\$0
Narramine		Pump Stations	SPS 1 Nymagee Street West / Coles Lane Pump Stations Siteworks	1966	NA	NA	Exclude	Pre 1989 asset	\$11,375	0.0%	\$0
Narramine		Pump Stations	SPS 1 Nymagee Street West / Coles Lane Pump Stations Pump 1	2009	NA	NA	Include	Trunk Asset, Post 1989	\$67,600	7.2%	\$4,879
Narramine		Pump Stations	SPS 1 Nymagee Street West / Coles Lane Pump Stations Pump 2	1966	NA	NA	Exclude	Pre 1989 asset	\$67,600	0.0%	\$0
Trangie		Pump Stations	SPS 1 Mitchell Highway Pump Stations Pipework	1986	NA	NA	Exclude	Pre 1989 asset	\$23,400	0.0%	\$0
Trangie		Pump Stations	SPS 1 Mitchell Highway Pump Stations Valves	1986	NA	NA	Exclude	Pre 1989 asset	\$11,700	0.0%	\$0
Trangie		Pump Stations	SPS 1 Mitchell Highway Pump Stations Electrical	1986	NA	NA	Exclude	Pre 1989 asset	\$56,680	0.0%	\$0
Trangie		Pump Stations	SPS 1 Mitchell Highway Pump Stations Siteworks	1986	NA	NA	Exclude	Pre 1989 asset	\$11,375	0.0%	\$0
Trangie		Pump Stations	SPS 1 Mitchell Highway Pump Stations Electrical RTU	1986	NA	NA	Exclude	Pre 1989 asset	\$15,600	0.0%	\$0
Trangie	720000016	Pump Stations	SPS 1 Mitchell Highway Pump Stations Wet Well Works	1986	NA	NA	Exclude	Pre 1989 asset	\$40,950	0.0%	\$0
Trangie		Pump Stations	SPS 1 Mitchell Highway Pump Stations Wet Well Mechanical	1986	NA	NA	Exclude	Pre 1989 asset	\$5,850	0.0%	\$0
Trangie		Pump Stations	SPS 1 Mitchell Highway Pump Stations Pump 1	1986	NA	NA	Exclude	Pre 1989 asset	\$15,600	0.0%	\$0
Trangie		Pump Stations	SPS 1 Mitchell Highway Pump Stations Pump 2	1986	NA	NA	Exclude	Pre 1989 asset	\$15,600	0.0%	\$0
Trangie		Pump Stations	SPS 2 Mungery Street Pump Stations Pipework	1986	NA	NA	Exclude	Pre 1989 asset	\$15,600	0.0%	\$0
Trangie		Pump Stations	SPS 2 Mungery Street Pump Stations Valves	1986	NA	NA	Exclude	Pre 1989 asset	\$6,500	0.0%	\$0
Trangie		Pump Stations	SPS 2 Mungery Street Pump Stations Electrical	1986	NA	NA	Exclude	Pre 1989 asset	\$56,680	0.0%	\$0
Trangie		Pump Stations	SPS 2 Mungery Street Pump Stations Siteworks	1986	NA	NA	Exclude	Pre 1989 asset	\$7,800	0.0%	\$0
Trangie		Pump Stations	SPS 2 Mungery Street Pump Stations Electrical RTU	1986	NA	NA	Exclude	Pre 1989 asset	\$15,600	0.0%	\$0
Trangie	720000017	Pump Stations	SPS 2 Mungery Street Pump Stations Wet Well Civil Works	1986	NA	NA	Exclude	Pre 1989 asset	\$57,850	0.0%	\$0
Trangie		Pump Stations	SPS 2 Mungery Street Pump Stations Wet Well Mechanical	1986	NA	NA	Exclude	Pre 1989 asset	\$5,850	0.0%	\$0
Trangie		Pump Stations	SPS 2 Mungery Street Pump Stations Pump 1	1986	NA	NA	Exclude	Pre 1989 asset	\$14,300	0.0%	\$0
Trangie		Pump Stations	SPS 2 Mungery Street Pump Stations Pump 2	1986	NA	NA	Exclude	Pre 1989 asset	\$14,300	0.0%	\$0
Trangie		Pump Stations	SPS 3 Nicholas Street Pump Stations Pipework	1986	NA	NA	Exclude	Pre 1989 asset	\$15,600	0.0%	\$0
Trangie		Pump Stations	SPS 3 Nicholas Street Pump Stations Valves	1986	NA	NA	Exclude	Pre 1989 asset	\$7,800	0.0%	\$0
Trangie		Pump Stations	SPS 3 Nicholas Street Pump Stations Electrical	1986	NA	NA	Exclude	Pre 1989 asset	\$21,060	0.0%	\$0
Trangie		Pump Stations	SPS 3 Nicholas Street Pump Stations Electrical RTU	1986	NA	NA	Exclude	Pre 1989 asset	\$15,600	0.0%	\$0
Trangie	720000018	Pump Stations	SPS 3 Nicholas Street Pump Stations Wet Well Civil Works	1986	NA	NA	Exclude	Pre 1989 asset	\$57,850	0.0%	\$0
Trangie		Pump Stations	SPS 3 Nicholas Street Pump Stations Wet Well Mechanical	1986	NA	NA	Exclude	Pre 1989 asset	\$5,850	0.0%	\$0
Trangie		Pump Stations	SPS 3 Nicholas Street Pump Stations Pump 1	1986	NA	NA	Exclude	Pre 1989 asset	\$5,850	0.0%	\$0
Trangie		Pump Stations	SPS 3 Nicholas Street Pump Stations Pump 2	1986	NA	NA	Exclude	Pre 1989 asset	\$5,850	0.0%	\$0
Trangie		Pump Stations	SPS 4 Allen Street / Poincare Street Pump Stations Pipework	1986	NA	NA	Exclude	Pre 1989 asset	\$19,500	0.0%	\$0
Trangie		Pump Stations	SPS 4 Allen Street / Poincare Street Pump Stations Valves	1986	NA	NA	Exclude	Pre 1989 asset	\$7,800	0.0%	\$0
Trangie		Pump Stations	SPS 4 Allen Street / Poincare Street Pump Stations Electrical	1986	NA	NA	Exclude	Pre 1989 asset	\$34,840	0.0%	\$0
Trangie		Pump Stations	SPS 4 Allen Street / Poincare Street Pump Stations Electrical RTU	1986	NA	NA	Exclude	Pre 1989 asset	\$15,600	0.0%	\$0
Trangie	720000019	Pump Stations	SPS 4 Allen Street / Poincare Street Pump Stations Wet Well Civil Works	1986	NA	NA	Exclude	Pre 1989 asset	\$49,400	0.0%	\$0
Trangie		Pump Stations	SPS 4 Allen Street / Poincare Street Pump Stations Wet Well Mechanical	1986	NA	NA	Exclude	Pre 1989 asset	\$5,850	0.0%	\$0
Trangie		Pump Stations	SPS 4 Allen Street / Poincare Street Pump Stations Pump 1	1986	NA	NA	Exclude	Pre 1989 asset	\$6,760	0.0%	\$0
Trangie		Pump Stations	SPS 4 Allen Street / Poincare Street Pump Stations Pump 2	1986	NA	NA	Exclude	Pre 1989 asset	\$6,760	0.0%	\$0
Narramine		Pump Stations	SPS 2 Manildra Street Pump Stations Pipework	1966	NA	NA	Exclude	Pre 1989 asset	\$58,500	0.0%	\$0
Narramine		Pump Stations	SPS 2 Manildra Street Pump Stations Valves	1966	NA	NA	Exclude	Pre 1989 asset	\$28,600	0.0%	\$0
Narramine		Pump Stations	SPS 2 Manildra Street Pump Stations Electrical	1966	NA	NA	Exclude	Pre 1989 asset	\$74,100	0.0%	\$0
Narramine		Pump Stations	SPS 2 Manildra Street Pump Stations Siteworks	1966	NA	NA	Exclude	Pre 1989 asset	\$11,375	0.0%	\$0
Narramine		Pump Stations	SPS 2 Manildra Street Pump Stations Electrical RTU	1966	NA	NA	Exclude	Pre 1989 asset	\$15,600	0.0%	\$0
Narramine	710000002	Pump Stations	SPS 2 Manildra Street Pump Stations Wet Well Civil Works	1966	NA	NA	Exclude	Pre 1989 asset	\$151,450	0.0%	\$0
Narramine		Pump Stations	SPS 2 Manildra Street Pump Stations Wet Well Mechanical	1966	NA	NA	Exclude	Pre 1989 asset	\$61,750	0.0%	\$0
Narramine		Pump Stations	SPS 2 Manildra Street Pump Stations Pump 1	1966	NA	NA	Exclude	Pre 1989 asset	\$14,300	0.0%	\$0
Narramine		Pump Stations	SPS 2 Manildra Street Pump Stations Pump 2	1966	NA	NA	Exclude	Pre 1989 asset	\$14,300	0.0%	\$0
Narramine		Pump Stations	SPS 3 Third Avenue (South) Pump Stations Pipework	2010	NA	NA	Include	Trunk Asset, Post 1989	\$15,600	7.2%	\$1,126
Narramine		Pump Stations	SPS 3 Third Avenue (South) Pump Stations Valves	2010	NA	NA	Include	Trunk Asset, Post 1989	\$7,800	7.2%	\$563
Narramine		Pump Stations	SPS 3 Third Avenue (South) Pump Stations Electrical	2010	NA	NA	Include	Trunk Asset, Post 1989	\$27,300	7.2%	\$1,970
Narramine		Pump Stations	SPS 3 Third Avenue (South) Pump Stations Siteworks	2010	NA	NA	Include	Trunk Asset, Post 1989	\$11,375	7.2%	\$821
Narramine		Pump Stations	SPS 3 Third Avenue (South) Pump Stations Electrical RTU	2010	NA	NA	Include	Trunk Asset, Post 1989	\$15,600	7.2%	\$1,126
Narramine	710000003	Pump Stations	SPS 3 Third Avenue (South) Pump Stations Wet Well Civil Works	2010	NA	NA	Include	Trunk Asset, Post 1989	\$49,400	7.2%	\$3,565
Narramine		Pump Stations	SPS 3 Third Avenue (South) Pump Stations Wet Well Mechanical	2010	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422
Narramine		Pump Stations	SPS 3 Third Avenue (South) Pump Stations Pump 1	2010	NA	NA	Include	Trunk Asset, Post 1989	\$6,500	7.2%	\$469
Narramine		Pump Stations	SPS 3 Third Avenue (South) Pump Stations Pump 2	2010	NA	NA	Include	Trunk Asset, Post 1989	\$7,150	7.2%	\$516
Narramine		Pump Stations	SPS 4 Narramine Aerodrome Pump Stations Pipework	1996	NA	NA	Include	Trunk Asset, Post 1989	\$11,050	7.2%	\$797
Narramine		Pump Stations	SPS 4 Narramine Aerodrome Pump Stations Valves	1996	NA	NA	Include	Trunk Asset, Post 1989	\$7,800	7.2%	\$563
Narramine		Pump Stations	SPS 4 Narramine Aerodrome Pump Stations Electrical	1996	NA	NA	Include	Trunk Asset, Post 1989	\$21,060	7.2%	\$1,520
Narramine		Pump Stations	SPS 4 Narramine Aerodrome Pump Stations Siteworks	1996	NA	NA	Include	Trunk Asset, Post 1989	\$11,375	7.2%	\$821
Narramine		Pump Stations	SPS 4 Narramine Aerodrome Pump Stations Electrical RTU	1996	NA	NA	Include	Trunk Asset, Post 1989	\$15,600	7.2%	\$1,126
Narramine	710000004	Pump Stations	SPS 4 Narramine Aerodrome Pump Stations Wet Well Civil Works	1996	NA	NA	Include	Trunk Asset, Post 1989	\$49,400	7.2%	\$3,565
Narramine		Pump Stations	SPS 4 Narramine Aerodrome Pump Stations Wet Well Mechanical	1996	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422
Narramine		Pump Stations	SPS 4 Narramine Aerodrome Pump Stations Pump 1	1996	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422
Narramine		Pump Stations	SPS 4 Narramine Aerodrome Pump Stations Pump 2	1996	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422
Narramine		Pump Stations	SPS 5 Mitchell Highway Industrial Estate Pump Stations Pipework	2012	NA	NA	Include	Trunk Asset, Post 1989	\$19,500	7.2%	\$1,407
Narramine		Pump Stations	SPS 5 Mitchell Highway Industrial Estate Pump Stations Valves	2012	NA	NA	Include	Trunk Asset, Post 1989	\$10,400	7.2%	\$751

Existing Assets - Sewerage

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA			
					Length (m)	Dia (mm)								
Narramine	710000005	Pump Stations	SPS 5 Mitchell Highway Industrial Estate Pump Stations Electrical	2012	NA	NA	Include	Trunk Asset, Post 1989	\$56,680	7.2%	\$4,091			
Narramine		Pump Stations	SPS 5 Mitchell Highway Industrial Estate Pump Stations Siteworks	2012	NA	NA	Include	Trunk Asset, Post 1989	\$11,375	7.2%	\$821			
Narramine		Pump Stations	SPS 5 Mitchell Highway Industrial Estate Pump Stations Electrical RTU	2012	NA	NA	Include	Trunk Asset, Post 1989	\$15,600	7.2%	\$1,126			
Narramine		Pump Stations	SPS 5 Mitchell Highway Industrial Estate Pump Stations Wet Well Civil Works	2012	NA	NA	Include	Trunk Asset, Post 1989	\$66,300	7.2%	\$4,785			
Narramine		Pump Stations	SPS 5 Mitchell Highway Industrial Estate Pump Stations Wet Well Mechanical	2012	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422			
Narramine		Pump Stations	SPS 5 Mitchell Highway Industrial Estate Pump Stations Pump 1	2012	NA	NA	Include	Trunk Asset, Post 1989	\$9,750	7.2%	\$704			
Narramine		Pump Stations	SPS 5 Mitchell Highway Industrial Estate Pump Stations Pump 2	2012	NA	NA	Include	Trunk Asset, Post 1989	\$9,750	7.2%	\$704			
Narramine		Pump Stations	SPS 6 Dandaloo Street / Commodore Crescent Pump Stations Pipework	1986	NA	NA	Exclude	Pre 1989 asset	\$11,050	0.0%	\$0			
Narramine		Pump Stations	SPS 6 Dandaloo Street / Commodore Crescent Pump Stations Valves	1986	NA	NA	Exclude	Pre 1989 asset	\$7,800	0.0%	\$0			
Narramine		Pump Stations	SPS 6 Dandaloo Street / Commodore Crescent Pump Stations Electrical	1986	NA	NA	Exclude	Pre 1989 asset	\$27,300	0.0%	\$0			
Narramine		Pump Stations	SPS 6 Dandaloo Street / Commodore Crescent Pump Stations Siteworks	1986	NA	NA	Exclude	Pre 1989 asset	\$11,375	0.0%	\$0			
Narramine		Pump Stations	SPS 6 Dandaloo Street / Commodore Crescent Pump Stations Electrical RTU	1986	NA	NA	Exclude	Pre 1989 asset	\$15,600	0.0%	\$0			
Narramine		Pump Stations	SPS 6 Dandaloo Street / Commodore Crescent Pump Stations Wet Well Civil Works	1986	NA	NA	Exclude	Pre 1989 asset	\$40,950	0.0%	\$0			
Narramine		Pump Stations	SPS 6 Dandaloo Street / Commodore Crescent Pump Stations Wet Well Mechanical	1986	NA	NA	Exclude	Pre 1989 asset	\$5,850	0.0%	\$0			
Narramine		Pump Stations	SPS 6 Dandaloo Street / Commodore Crescent Pump Stations Pump 1	1986	NA	NA	Exclude	Pre 1989 asset	\$5,850	0.0%	\$0			
Narramine		Pump Stations	SPS 6 Dandaloo Street / Commodore Crescent Pump Stations Pump 2	1986	NA	NA	Exclude	Pre 1989 asset	\$5,850	0.0%	\$0			
Narramine	710000006	Pump Stations	SPS 7 Wattle Crescent Pump Stations Pipework	1996	NA	NA	Include	Trunk Asset, Post 1989	\$11,050	7.2%	\$797			
Narramine		Pump Stations	SPS 7 Wattle Crescent Pump Stations Valves	1996	NA	NA	Include	Trunk Asset, Post 1989	\$7,800	7.2%	\$563			
Narramine		Pump Stations	SPS 7 Wattle Crescent Pump Stations Electrical	1996	NA	NA	Include	Trunk Asset, Post 1989	\$27,300	7.2%	\$1,970			
Narramine		Pump Stations	SPS 7 Wattle Crescent Pump Stations Siteworks	1996	NA	NA	Include	Trunk Asset, Post 1989	\$11,375	7.2%	\$821			
Narramine		Pump Stations	SPS 7 Wattle Crescent Pump Stations Electrical RTU	1996	NA	NA	Include	Trunk Asset, Post 1989	\$15,600	7.2%	\$1,126			
Narramine		Pump Stations	SPS 7 Wattle Crescent Pump Stations Wet Well Civil Works	1996	NA	NA	Include	Trunk Asset, Post 1989	\$49,400	7.2%	\$3,565			
Narramine		Pump Stations	SPS 7 Wattle Crescent Pump Stations Wet Well Mechanical	1996	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422			
Narramine		Pump Stations	SPS 7 Wattle Crescent Pump Stations Pump 1	1996	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422			
Narramine		Pump Stations	SPS 7 Wattle Crescent Pump Stations Pump 2	1996	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422			
Narramine		Pump Stations	SPS 8 Skypark Estate Pump Stations Pipework	1996	NA	NA	Include	Trunk Asset, Post 1989	\$15,600	7.2%	\$1,126			
Narramine		Pump Stations	SPS 8 Skypark Estate Pump Stations Valves	1996	NA	NA	Include	Trunk Asset, Post 1989	\$7,800	7.2%	\$563			
Narramine		Pump Stations	SPS 8 Skypark Estate Pump Stations Electrical	1996	NA	NA	Include	Trunk Asset, Post 1989	\$49,400	7.2%	\$3,565			
Narramine		Pump Stations	SPS 8 Skypark Estate Pump Stations Siteworks	1996	NA	NA	Include	Trunk Asset, Post 1989	\$11,375	7.2%	\$821			
Narramine		Pump Stations	SPS 8 Skypark Estate Pump Stations Electrical RTU	1996	NA	NA	Include	Trunk Asset, Post 1989	\$15,600	7.2%	\$1,126			
Narramine		Pump Stations	SPS 8 Skypark Estate Pump Stations Wet Well Civil Works	1996	NA	NA	Include	Trunk Asset, Post 1989	\$49,400	7.2%	\$3,565			
Narramine		710000008	Pump Stations	SPS 8 Skypark Estate Pump Stations Wet Well Mechanical	1996	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422		
Narramine	Pump Stations		SPS 8 Skypark Estate Pump Stations Pump 1	1996	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422			
Narramine	Pump Stations		SPS 8 Skypark Estate Pump Stations Pump 2	1996	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422			
Narramine	Pump Stations		SPS 9 Crossley Drive Pump Stations Pipework	1998	NA	NA	Include	Trunk Asset, Post 1989	\$19,500	7.2%	\$1,407			
Narramine	Pump Stations		SPS 9 Crossley Drive Pump Stations Valves	1998	NA	NA	Include	Trunk Asset, Post 1989	\$7,800	7.2%	\$563			
Narramine	Pump Stations		SPS 9 Crossley Drive Pump Stations Electrical	1998	NA	NA	Include	Trunk Asset, Post 1989	\$27,300	7.2%	\$1,970			
Narramine	Pump Stations		SPS 9 Crossley Drive Pump Stations Siteworks	1998	NA	NA	Include	Trunk Asset, Post 1989	\$11,375	7.2%	\$821			
Narramine	Pump Stations		SPS 9 Crossley Drive Pump Stations Electrical RTU	1998	NA	NA	Include	Trunk Asset, Post 1989	\$15,600	7.2%	\$1,126			
Narramine	Pump Stations		SPS 9 Crossley Drive Pump Stations Wet Well Civil Works	1998	NA	NA	Include	Trunk Asset, Post 1989	\$116,350	7.2%	\$8,397			
Narramine	Pump Stations		SPS 9 Crossley Drive Pump Stations Wet Well Mechanical	1998	NA	NA	Include	Trunk Asset, Post 1989	\$11,050	7.2%	\$797			
Narramine	Pump Stations		SPS 9 Crossley Drive Pump Stations Pump 1	1998	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422			
Narramine	Pump Stations		SPS 9 Crossley Drive Pump Stations Pump 2	1998	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422			
Narramine	710000014 TREAT		Biological Treatment	Narramine WWTP Biological Treatment Effluent Lagoons Civil Works	2007	NA	NA	Include	Trunk Asset, Post 1989	\$3,687,840	7.2%	\$266,150		
Narramine			Biological Treatment	Narramine WWTP Biological Treatment Effluent Lagoons Electrical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$19,500	7.2%	\$1,407		
Narramine			Biological Treatment	Narramine WWTP Biological Treatment Effluent Lagoons Mechanical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$52,000	7.2%	\$3,753		
Narramine			Effluent Reuse	Narramine WWTP Effluent Reuse Irrigation System Civil Works	2007	NA	NA	Include	Trunk Asset, Post 1989	\$45,500	7.2%	\$3,284		
Narramine		Effluent Reuse	Narramine WWTP Effluent Reuse Irrigation System Electrical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$26,000	7.2%	\$1,876			
Narramine		Effluent Reuse	Narramine WWTP Effluent Reuse Irrigation System Mechanical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$325,000	7.2%	\$23,455			
Narramine		Effluent Reuse	Narramine WWTP Effluent Reuse Effluent Reuse PS Civil Works	2007	NA	NA	Include	Trunk Asset, Post 1989	\$13,000	7.2%	\$938			
Narramine		Effluent Reuse	Narramine WWTP Effluent Reuse Effluent Reuse PS Electrical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$52,650	7.2%	\$3,800			
Narramine		Effluent Reuse	Narramine WWTP Effluent Reuse Effluent Reuse PS Mechanical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$124,800	7.2%	\$9,007			
Narramine		710000010 TREAT	Biological Treatment	Narramine WWTP Biological Treatment Aeration & Recirculation System Civil Works	2007	NA	NA	Include	Trunk Asset, Post 1989	\$13,000	7.2%	\$938		
Narramine			Biological Treatment	Narramine WWTP Biological Treatment Aeration & Recirculation System Electrical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$26,000	7.2%	\$1,876		
Narramine		710000012	Biological Treatment	Narramine WWTP Biological Treatment Aeration & Recirculation System Mechanical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$107,250	7.2%	\$7,740		
Narramine			Preliminary Treatment	Narramine WWTP Preliminary Treatment Inlet Works Civil Works	2007	NA	NA	Include	Trunk Asset, Post 1989	\$19,500	7.2%	\$1,407		
Narramine			Preliminary Treatment	Narramine WWTP Preliminary Treatment Inlet Works Mechanical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$5,850	7.2%	\$422		
Narramine			Process	Narramine WWTP Process Process Systems Mechanical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$266,500	7.2%	\$19,233		
Narramine			710000015 TREAT	Siteworks	Narramine WWTP Siteworks Buildings Civil Works	2007	NA	NA	Include	Trunk Asset, Post 1989	\$81,250	7.2%	\$5,864	
Narramine				Siteworks	Narramine WWTP Siteworks Buildings Electrical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$16,250	7.2%	\$1,173	
Narramine				Siteworks	Narramine WWTP Siteworks Buildings Mechanical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$50,310	7.2%	\$3,631	
Narramine				Siteworks	Narramine WWTP Siteworks Services Civil Works	2007	NA	NA	Include	Trunk Asset, Post 1989	\$125,840	7.2%	\$9,082	
Narramine				Siteworks	Narramine WWTP Siteworks Services Electrical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$58,500	7.2%	\$4,222	
Narramine				Siteworks	Narramine WWTP Siteworks Services Mechanical	2007	NA	NA	Include	Trunk Asset, Post 1989	\$154,700	7.2%	\$11,165	
Triangie				720000026	Siteworks	Triangie WWTP Siteworks Buildings Civil Works	1983	NA	NA	Exclude	Pre 1989 asset	\$72,800	0.0%	\$0
Triangie					Siteworks	Triangie WWTP Siteworks Buildings Electrical	1983	NA	NA	Exclude	Pre 1989 asset	\$13,000	0.0%	\$0
Triangie			Siteworks		Triangie WWTP Siteworks Buildings Mechanical	1983	NA	NA	Exclude	Pre 1989 asset	\$7,800	0.0%	\$0	
Triangie			720000024 TREAT	Effluent Storage	Triangie WWTP Effluent Storage Effluent Lagoons Civil Works	1983	NA	NA	Exclude	Pre 1989 asset	\$281,938	0.0%	\$0	
Triangie		Effluent Storage		Triangie WWTP Effluent Storage Effluent Lagoons Mechanical	1983	NA	NA	Exclude	Pre 1989 asset	\$19,500	0.0%	\$0		
Triangie	720000020 TREAT	Biological Treatment	Triangie WWTP Biological Treatment Pasveer Channel Civil Works	1983	NA	NA	Exclude	Pre 1989 asset	\$384,530	0.0%	\$0			
Triangie		Biological Treatment	Triangie WWTP Biological Treatment Pasveer Channel Electrical	1983	NA	NA	Exclude	Pre 1989 asset	\$29,250	0.0%	\$0			
Triangie		Biological Treatment	Triangie WWTP Biological Treatment Pasveer Channel Mechanical	1983	NA	NA	Exclude	Pre 1989 asset	\$175,500	0.0%	\$0			
Triangie		Process	Triangie WWTP Process Process Systems Civil Works	1983	NA	NA	Exclude	Pre 1989 asset	\$19,500	0.0%	\$0			
Triangie		Process	Triangie WWTP Process Process Systems Electrical	1983	NA	NA	Exclude	Pre 1989 asset	\$65,000	0.0%	\$0			
Triangie		Process	Triangie WWTP Process Process Systems Mechanical	1983	NA	NA	Exclude	Pre 1989 asset	\$52,000	0.0%	\$0			
Triangie		Siteworks	Triangie WWTP Siteworks Services Civil Works	1983	NA	NA	Exclude	Pre 1989 asset	\$25,740	0.0%	\$0			
Triangie		Siteworks	Triangie WWTP Siteworks Services Electrical	1983	NA	NA	Exclude	Pre 1989 asset	\$26,000	0.0%	\$0			
Triangie		Siteworks	Triangie WWTP Siteworks Services Mechanical	1993	NA	NA	Exclude	Pre 1989 asset	\$59,150	0.0%	\$0			

Existing Assets - Sewerage

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Dia (mm)					
Trangie		Sludge Treatment	Triangle WWTP Sludge Treatment Lagoons Civil Works	1983	NA	NA	Exclude	Pre 1989 asset	\$29,120	0.0%	\$0
Trangie		Preliminary Treatment	Triangle WWTP Preliminary Treatment Inlet Works Civil Works	1983	NA	NA	Exclude	Pre 1989 asset	\$23,400	0.0%	\$0
Trangie		Preliminary Treatment	Triangle WWTP Preliminary Treatment Inlet Works Mechanical	1983	NA	NA	Exclude	Pre 1989 asset	\$9,750	0.0%	\$0
Narrormine	7100000008	Mains	Rising Mains Channel Crossing	1921	25.0	300	Exclude	Pre 1989 asset	\$54,000	0.0%	\$0
Narrormine	710000436	Mains	Town Reticulation Rising Sewer Main 2	1957	215.0	150	Exclude	Pre 1989 asset	\$23,220	0.0%	\$0
Narrormine	710000303	Mains	Town Reticulation Rising Sewer Main 1	1957	1230.0	200	Exclude	Pre 1989 asset	\$162,360	0.0%	\$0
Narrormine	710000205	Mains	Town Reticulation Gravity Sewer Mains	1958	26.7	150	Exclude	Pre 1989 asset	\$5,455	0.0%	\$0
Narrormine	710000109	Mains	Town Reticulation Gravity Sewer Mains	1958	27.0	150	Exclude	Pre 1989 asset	\$5,522	0.0%	\$0
Narrormine	710000111	Mains	Town Reticulation Gravity Sewer Mains	1958	58.0	150	Exclude	Pre 1989 asset	\$11,863	0.0%	\$0
Narrormine	710000113	Mains	Town Reticulation Gravity Sewer Mains	1958	32.0	150	Exclude	Pre 1989 asset	\$6,545	0.0%	\$0
Narrormine	710000114	Mains	Town Reticulation Gravity Sewer Mains	1958	37.0	150	Exclude	Pre 1989 asset	\$7,568	0.0%	\$0
Narrormine	710000081	Mains	Town Reticulation Gravity Sewer Mains	1958	73.0	150	Exclude	Pre 1989 asset	\$23,953	0.0%	\$0
Narrormine	710000119	Mains	Town Reticulation Gravity Sewer Mains	1958	59.2	150	Exclude	Pre 1989 asset	\$12,108	0.0%	\$0
Narrormine	710000120	Mains	Town Reticulation Gravity Sewer Mains	1958	61.6	150	Exclude	Pre 1989 asset	\$12,593	0.0%	\$0
Narrormine	710000121	Mains	Town Reticulation Gravity Sewer Mains	1958	69.0	150	Exclude	Pre 1989 asset	\$14,112	0.0%	\$0
Narrormine	710000123	Mains	Town Reticulation Gravity Sewer Mains	1958	88.7	150	Exclude	Pre 1989 asset	\$18,142	0.0%	\$0
Narrormine	710000124	Mains	Town Reticulation Gravity Sewer Mains	1958	27.7	150	Exclude	Pre 1989 asset	\$5,674	0.0%	\$0
Narrormine	710000197	Mains	Town Reticulation Gravity Sewer Mains	1958	27.1	150	Exclude	Pre 1989 asset	\$5,549	0.0%	\$0
Narrormine	710000496	Mains	Town Reticulation Gravity Sewer Mains	1958	81.7	150	Exclude	Pre 1989 asset	\$16,710	0.0%	\$0
Narrormine	710000497	Mains	Town Reticulation Gravity Sewer Mains	1958	37.0	150	Exclude	Pre 1989 asset	\$7,568	0.0%	\$0
Narrormine	710000094	Mains	Town Reticulation Gravity Sewer Mains	1958	80.2	150	Exclude	Pre 1989 asset	\$16,395	0.0%	\$0
Narrormine	710000095	Mains	Town Reticulation Gravity Sewer Mains	1958	91.1	150	Exclude	Pre 1989 asset	\$18,641	0.0%	\$0
Narrormine	710000096	Mains	Town Reticulation Gravity Sewer Mains	1958	76.5	150	Exclude	Pre 1989 asset	\$15,646	0.0%	\$0
Narrormine	710000180	Mains	Town Reticulation Gravity Sewer Mains	1958	70.1	150	Exclude	Pre 1989 asset	\$30,973	0.0%	\$0
Narrormine	710000181	Mains	Town Reticulation Gravity Sewer Mains	1958	66.5	150	Exclude	Pre 1989 asset	\$29,360	0.0%	\$0
Narrormine	710000182	Mains	Town Reticulation Gravity Sewer Mains	1958	20.1	150	Exclude	Pre 1989 asset	\$8,890	0.0%	\$0
Narrormine	710000183	Mains	Town Reticulation Gravity Sewer Mains	1958	61.0	150	Exclude	Pre 1989 asset	\$26,935	0.0%	\$0
Narrormine	710000184	Mains	Town Reticulation Gravity Sewer Mains	1958	61.0	150	Exclude	Pre 1989 asset	\$20,003	0.0%	\$0
Narrormine	710000185	Mains	Town Reticulation Gravity Sewer Mains	1958	32.8	150	Exclude	Pre 1989 asset	\$6,717	0.0%	\$0
Narrormine	710000186	Mains	Town Reticulation Gravity Sewer Mains	1958	35.6	150	Exclude	Pre 1989 asset	\$7,285	0.0%	\$0
Narrormine	710000336	Mains	Town Reticulation Gravity Sewer Mains	1958	65.8	150	Exclude	Pre 1989 asset	\$13,466	0.0%	\$0
Narrormine	710000337	Mains	Town Reticulation Gravity Sewer Mains	1958	72.9	150	Exclude	Pre 1989 asset	\$14,900	0.0%	\$0
Narrormine	710000338	Mains	Town Reticulation Gravity Sewer Mains	1958	58.4	150	Exclude	Pre 1989 asset	\$11,938	0.0%	\$0
Narrormine	710000339	Mains	Town Reticulation Gravity Sewer Mains	1958	38.2	150	Exclude	Pre 1989 asset	\$7,819	0.0%	\$0
Narrormine	710000340	Mains	Town Reticulation Gravity Sewer Mains	1958	43.8	150	Exclude	Pre 1989 asset	\$8,958	0.0%	\$0
Narrormine	710000341	Mains	Town Reticulation Gravity Sewer Mains	1958	91.8	150	Exclude	Pre 1989 asset	\$18,776	0.0%	\$0
Narrormine	710000342	Mains	Town Reticulation Gravity Sewer Mains	1958	27.2	150	Exclude	Pre 1989 asset	\$5,563	0.0%	\$0
Narrormine	710000343	Mains	Town Reticulation Gravity Sewer Mains	1958	88.5	150	Exclude	Pre 1989 asset	\$18,101	0.0%	\$0
Narrormine	710000344	Mains	Town Reticulation Gravity Sewer Mains	1958	90.3	150	Exclude	Pre 1989 asset	\$18,469	0.0%	\$0
Narrormine	710000345	Mains	Town Reticulation Gravity Sewer Mains	1958	101.9	150	Exclude	Pre 1989 asset	\$20,843	0.0%	\$0
Narrormine	710000346	Mains	Town Reticulation Gravity Sewer Mains	1958	78.6	150	Exclude	Pre 1989 asset	\$16,272	0.0%	\$0
Narrormine	710000347	Mains	Town Reticulation Gravity Sewer Mains	1958	79.8	150	Exclude	Pre 1989 asset	\$16,321	0.0%	\$0
Narrormine	710000348	Mains	Town Reticulation Gravity Sewer Mains	1958	77.9	150	Exclude	Pre 1989 asset	\$15,933	0.0%	\$0
Narrormine	710000355	Mains	Town Reticulation Gravity Sewer Mains	1958	62.5	150	Exclude	Pre 1989 asset	\$12,783	0.0%	\$0
Narrormine	710000356	Mains	Town Reticulation Gravity Sewer Mains	1958	41.6	150	Exclude	Pre 1989 asset	\$8,510	0.0%	\$0
Narrormine	710000357	Mains	Town Reticulation Gravity Sewer Mains	1958	32.0	150	Exclude	Pre 1989 asset	\$6,553	0.0%	\$0
Narrormine	710000358	Mains	Town Reticulation Gravity Sewer Mains	1958	19.0	150	Exclude	Pre 1989 asset	\$3,886	0.0%	\$0
Narrormine	710000359	Mains	Town Reticulation Gravity Sewer Mains	1958	48.8	150	Exclude	Pre 1989 asset	\$9,983	0.0%	\$0
Narrormine	710000360	Mains	Town Reticulation Gravity Sewer Mains	1958	52.7	150	Exclude	Pre 1989 asset	\$10,785	0.0%	\$0
Narrormine	710000361	Mains	Town Reticulation Gravity Sewer Mains	1958	87.0	150	Exclude	Pre 1989 asset	\$17,798	0.0%	\$0
Narrormine	710000402	Mains	Town Reticulation Gravity Sewer Mains	1958	78.9	150	Exclude	Pre 1989 asset	\$16,145	0.0%	\$0
Narrormine	710000362	Mains	Town Reticulation Gravity Sewer Mains	1958	103.6	150	Exclude	Pre 1989 asset	\$21,195	0.0%	\$0
Narrormine	710000363	Mains	Town Reticulation Gravity Sewer Mains	1958	80.2	150	Exclude	Pre 1989 asset	\$16,395	0.0%	\$0
Narrormine	710000417	Mains	Town Reticulation Gravity Sewer Mains	1958	52.0	150	Exclude	Pre 1989 asset	\$10,640	0.0%	\$0
Narrormine	710000431	Mains	Town Reticulation Gravity Sewer Mains	1958	3.0	150	Exclude	Pre 1989 asset	\$614	0.0%	\$0
Narrormine	710000403	Mains	Town Reticulation Gravity Sewer Mains	1958	36.3	150	Exclude	Pre 1989 asset	\$7,418	0.0%	\$0
Narrormine	710000404	Mains	Town Reticulation Gravity Sewer Mains	1958	82.0	150	Exclude	Pre 1989 asset	\$16,769	0.0%	\$0
Narrormine	710000405	Mains	Town Reticulation Gravity Sewer Mains	1958	74.7	150	Exclude	Pre 1989 asset	\$15,274	0.0%	\$0
Narrormine	710000406	Mains	Town Reticulation Gravity Sewer Mains	1958	84.9	150	Exclude	Pre 1989 asset	\$17,362	0.0%	\$0
Narrormine	710000418	Mains	Town Reticulation Gravity Sewer Mains	1958	39.6	150	Exclude	Pre 1989 asset	\$8,103	0.0%	\$0
Narrormine	710000419	Mains	Town Reticulation Gravity Sewer Mains	1958	68.9	150	Exclude	Pre 1989 asset	\$14,084	0.0%	\$0
Narrormine	710000420	Mains	Town Reticulation Gravity Sewer Mains	1958	39.6	150	Exclude	Pre 1989 asset	\$8,103	0.0%	\$0
Narrormine	710000421	Mains	Town Reticulation Gravity Sewer Mains	1958	20.7	150	Exclude	Pre 1989 asset	\$4,230	0.0%	\$0
Narrormine	710000422	Mains	Town Reticulation Gravity Sewer Mains	1958	33.5	150	Exclude	Pre 1989 asset	\$6,852	0.0%	\$0
Narrormine	710000423	Mains	Town Reticulation Gravity Sewer Mains	1958	53.0	150	Exclude	Pre 1989 asset	\$10,848	0.0%	\$0
Narrormine	710000424	Mains	Town Reticulation Gravity Sewer Mains	1958	68.0	150	Exclude	Pre 1989 asset	\$13,908	0.0%	\$0
Narrormine	710000425	Mains	Town Reticulation Gravity Sewer Mains	1958	49.4	150	Exclude	Pre 1989 asset	\$10,104	0.0%	\$0
Narrormine	710000426	Mains	Town Reticulation Gravity Sewer Mains	1958	57.0	150	Exclude	Pre 1989 asset	\$11,658	0.0%	\$0
Narrormine	710000427	Mains	Town Reticulation Gravity Sewer Mains	1958	16.8	150	Exclude	Pre 1989 asset	\$3,436	0.0%	\$0
Narrormine	710000428	Mains	Town Reticulation Gravity Sewer Mains	1958	17.0	150	Exclude	Pre 1989 asset	\$3,477	0.0%	\$0
Narrormine	710000429	Mains	Town Reticulation Gravity Sewer Mains	1958	53.4	150	Exclude	Pre 1989 asset	\$10,928	0.0%	\$0
Narrormine	710000430	Mains	Town Reticulation Gravity Sewer Mains	1958	54.9	150	Exclude	Pre 1989 asset	\$11,220	0.0%	\$0
Narrormine	710000432	Mains	Town Reticulation Gravity Sewer Mains	1958	82.3	150	Exclude	Pre 1989 asset	\$16,833	0.0%	\$0
Narrormine	710000433	Mains	Town Reticulation Gravity Sewer Mains	1958	79.6	150	Exclude	Pre 1989 asset	\$16,270	0.0%	\$0
Narrormine	710000434	Mains	Town Reticulation Gravity Sewer Mains	1958	79.3	150	Exclude	Pre 1989 asset	\$16,209	0.0%	\$0
Narrormine	710000435	Mains	Town Reticulation Gravity Sewer Mains	1958	73.0	150	Exclude	Pre 1989 asset	\$14,931	0.0%	\$0
Narrormine	710000471	Mains	Town Reticulation Gravity Sewer Mains	1958	76.0	150	Exclude	Pre 1989 asset	\$33,580	0.0%	\$0
Narrormine	710000491	Mains	Town Reticulation Gravity Sewer Mains	1958	70.0	150	Exclude	Pre 1989 asset	\$22,989	0.0%	\$0

## Existing Assets - Sewerage

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Dia (mm)					
Narromine	710000472	Mains	Town Reticulation Gravity Sewer Mains	1958	55.0	150	Exclude	Pre 1989 asset	\$18,047	0.0%	\$0
Narromine	710000473	Mains	Town Reticulation Gravity Sewer Mains	1958	74.0	150	Exclude	Pre 1989 asset	\$24,281	0.0%	\$0
Narromine	710000474	Mains	Town Reticulation Gravity Sewer Mains	1958	26.0	150	Exclude	Pre 1989 asset	\$8,531	0.0%	\$0
Narromine	710000481	Mains	Town Reticulation Gravity Sewer Mains	1958	100.0	150	Exclude	Pre 1989 asset	\$20,453	0.0%	\$0
Narromine	710000475	Mains	Town Reticulation Gravity Sewer Mains	1958	59.0	150	Exclude	Pre 1989 asset	\$19,360	0.0%	\$0
Narromine	710000486	Mains	Town Reticulation Gravity Sewer Mains	1958	49.0	150	Exclude	Pre 1989 asset	\$10,022	0.0%	\$0
Narromine	710000476	Mains	Town Reticulation Gravity Sewer Mains	1958	52.0	150	Exclude	Pre 1989 asset	\$10,635	0.0%	\$0
Narromine	710000477	Mains	Town Reticulation Gravity Sewer Mains	1958	100.0	150	Exclude	Pre 1989 asset	\$20,453	0.0%	\$0
Narromine	710000480	Mains	Town Reticulation Gravity Sewer Mains	1958	67.0	150	Exclude	Pre 1989 asset	\$13,703	0.0%	\$0
Narromine	710000478	Mains	Town Reticulation Gravity Sewer Mains	1958	100.0	150	Exclude	Pre 1989 asset	\$20,453	0.0%	\$0
Narromine	710000479	Mains	Town Reticulation Gravity Sewer Mains	1958	96.0	150	Exclude	Pre 1989 asset	\$20,044	0.0%	\$0
Narromine	710000482	Mains	Town Reticulation Gravity Sewer Mains	1958	101.0	150	Exclude	Pre 1989 asset	\$20,657	0.0%	\$0
Narromine	710000483	Mains	Town Reticulation Gravity Sewer Mains	1958	93.0	150	Exclude	Pre 1989 asset	\$19,021	0.0%	\$0
Narromine	710000484	Mains	Town Reticulation Gravity Sewer Mains	1958	36.0	150	Exclude	Pre 1989 asset	\$7,363	0.0%	\$0
Narromine	710000485	Mains	Town Reticulation Gravity Sewer Mains	1958	98.0	150	Exclude	Pre 1989 asset	\$11,201	0.0%	\$0
Narromine	710000487	Mains	Town Reticulation Gravity Sewer Mains	1958	81.0	150	Exclude	Pre 1989 asset	\$16,567	0.0%	\$0
Narromine	710000488	Mains	Town Reticulation Gravity Sewer Mains	1958	53.0	150	Exclude	Pre 1989 asset	\$10,840	0.0%	\$0
Narromine	710000489	Mains	Town Reticulation Gravity Sewer Mains	1958	60.0	150	Exclude	Pre 1989 asset	\$12,272	0.0%	\$0
Narromine	710000490	Mains	Town Reticulation Gravity Sewer Mains	1958	65.0	150	Exclude	Pre 1989 asset	\$7,430	0.0%	\$0
Narromine	710000492	Mains	Town Reticulation Gravity Sewer Mains	1958	68.0	150	Exclude	Pre 1989 asset	\$22,313	0.0%	\$0
Narromine	710000461	Mains	Town Reticulation Gravity Sewer Mains	1958	160.0	150	Exclude	Pre 1989 asset	\$32,724	0.0%	\$0
Narromine	710000464	Mains	Town Reticulation Gravity Sewer Mains	1958	150.0	150	Exclude	Pre 1989 asset	\$30,679	0.0%	\$0
Narromine	710000462	Mains	Town Reticulation Gravity Sewer Mains	1958	215.0	150	Exclude	Pre 1989 asset	\$43,974	0.0%	\$0
Narromine	710000463	Mains	Town Reticulation Gravity Sewer Mains	1958	51.0	150	Exclude	Pre 1989 asset	\$10,431	0.0%	\$0
Narromine	710000465	Mains	Town Reticulation Gravity Sewer Mains	1958	61.0	150	Exclude	Pre 1989 asset	\$12,476	0.0%	\$0
Narromine	710000466	Mains	Town Reticulation Gravity Sewer Mains	1958	69.0	150	Exclude	Pre 1989 asset	\$14,112	0.0%	\$0
Narromine	710000467	Mains	Town Reticulation Gravity Sewer Mains	1958	66.5	150	Exclude	Pre 1989 asset	\$13,601	0.0%	\$0
Narromine	710000468	Mains	Town Reticulation Gravity Sewer Mains	1958	26.0	150	Exclude	Pre 1989 asset	\$5,318	0.0%	\$0
Narromine	710000260	Mains	Town Reticulation Gravity Sewer Mains	1958	45.0	150	Exclude	Pre 1989 asset	\$9,204	0.0%	\$0
Narromine	710000261	Mains	Town Reticulation Gravity Sewer Mains	1958	44.5	150	Exclude	Pre 1989 asset	\$9,101	0.0%	\$0
Narromine	710000262	Mains	Town Reticulation Gravity Sewer Mains	1958	42.0	150	Exclude	Pre 1989 asset	\$8,590	0.0%	\$0
Narromine	710000263	Mains	Town Reticulation Gravity Sewer Mains	1958	21.5	150	Exclude	Pre 1989 asset	\$4,397	0.0%	\$0
Narromine	710000264	Mains	Town Reticulation Gravity Sewer Mains	1958	108.6	150	Exclude	Pre 1989 asset	\$22,212	0.0%	\$0
Narromine	710000265	Mains	Town Reticulation Gravity Sewer Mains	1958	90.0	150	Exclude	Pre 1989 asset	\$18,408	0.0%	\$0
Narromine	710000498	Mains	Town Reticulation Gravity Sewer Mains	1958	4.5	150	Exclude	Pre 1989 asset	\$920	0.0%	\$0
Narromine	710000460	Mains	Town Reticulation Gravity Sewer Mains	1958	10.0	150	Exclude	Pre 1989 asset	\$2,045	0.0%	\$0
Narromine	710000470	Mains	Town Reticulation Gravity Sewer Mains	1958	900.0	150	Exclude	Pre 1989 asset	\$184,075	0.0%	\$0
Narromine	710000459	Mains	Town Reticulation Gravity Sewer Main 3	1958	4.0	150	Exclude	Pre 1989 asset	\$818	0.0%	\$0
Narromine	710000469	Mains	Town Reticulation Rising Sewer Main 4	1958	682.0	150	Exclude	Pre 1989 asset	\$77,953	0.0%	\$0
Narromine	710000493	Mains	Town Reticulation Rising Sewer Main 5	1958	850.0	150	Exclude	Pre 1989 asset	\$97,155	0.0%	\$0
Narromine	710000437	Mains	Town Reticulation Gravity Sewer Mains	1958	4.0	150	Exclude	Pre 1989 asset	\$818	0.0%	\$0
Narromine	710000456	Mains	Town Reticulation Gravity Sewer Mains	1958	19.6	150	Exclude	Pre 1989 asset	\$4,009	0.0%	\$0
Narromine	710000457	Mains	Town Reticulation Gravity Sewer Mains	1958	19.6	150	Exclude	Pre 1989 asset	\$4,009	0.0%	\$0
Narromine	710000458	Mains	Town Reticulation Gravity Sewer Mains	1958	88.4	150	Exclude	Pre 1989 asset	\$18,080	0.0%	\$0
Narromine	710000296	Mains	Town Reticulation Gravity Sewer Mains	1958	44.0	150	Exclude	Pre 1989 asset	\$8,999	0.0%	\$0
Narromine	710000297	Mains	Town Reticulation Gravity Sewer Mains	1958	43.5	150	Exclude	Pre 1989 asset	\$8,897	0.0%	\$0
Narromine	710000247	Mains	Town Reticulation Gravity Sewer Mains	1958	54.9	225	Exclude	Pre 1989 asset	\$29,394	0.0%	\$0
Narromine	710000107	Mains	Town Reticulation Gravity Sewer Mains	1958	76.9	225	Exclude	Pre 1989 asset	\$19,344	0.0%	\$0
Narromine	710000059	Mains	Town Reticulation Gravity Sewer Mains	1958	79.0	225	Exclude	Pre 1989 asset	\$19,870	0.0%	\$0
Narromine	710000178	Mains	Town Reticulation Gravity Sewer Mains	1958	71.0	225	Exclude	Pre 1989 asset	\$38,053	0.0%	\$0
Narromine	710000108	Mains	Town Reticulation Gravity Sewer Mains	1958	79.3	225	Exclude	Pre 1989 asset	\$19,933	0.0%	\$0
Narromine	710000132	Mains	Town Reticulation Gravity Sewer Mains	1958	82.0	225	Exclude	Pre 1989 asset	\$43,930	0.0%	\$0
Narromine	710000148	Mains	Town Reticulation Gravity Sewer Mains	1958	78.1	225	Exclude	Pre 1989 asset	\$41,819	0.0%	\$0
Narromine	710000071	Mains	Town Reticulation Gravity Sewer Mains	1958	67.7	225	Exclude	Pre 1989 asset	\$36,274	0.0%	\$0
Narromine	710000072	Mains	Town Reticulation Gravity Sewer Mains	1958	64.7	225	Exclude	Pre 1989 asset	\$34,666	0.0%	\$0
Narromine	710000073	Mains	Town Reticulation Gravity Sewer Mains	1958	68.0	225	Exclude	Pre 1989 asset	\$36,434	0.0%	\$0
Narromine	710000074	Mains	Town Reticulation Gravity Sewer Mains	1958	67.1	225	Exclude	Pre 1989 asset	\$35,952	0.0%	\$0
Narromine	710000075	Mains	Town Reticulation Gravity Sewer Mains	1958	63.1	225	Exclude	Pre 1989 asset	\$24,606	0.0%	\$0
Narromine	710000076	Mains	Town Reticulation Gravity Sewer Mains	1958	51.2	225	Exclude	Pre 1989 asset	\$19,966	0.0%	\$0
Narromine	710000077	Mains	Town Reticulation Gravity Sewer Mains	1958	63.7	225	Exclude	Pre 1989 asset	\$24,840	0.0%	\$0
Narromine	710000078	Mains	Town Reticulation Gravity Sewer Mains	1958	65.0	225	Exclude	Pre 1989 asset	\$25,347	0.0%	\$0
Narromine	710000079	Mains	Town Reticulation Gravity Sewer Mains	1958	80.6	225	Exclude	Pre 1989 asset	\$31,430	0.0%	\$0
Narromine	710000133	Mains	Town Reticulation Gravity Sewer Mains	1958	75.9	225	Exclude	Pre 1989 asset	\$29,597	0.0%	\$0
Narromine	710000149	Mains	Town Reticulation Gravity Sewer Mains	1958	74.4	225	Exclude	Pre 1989 asset	\$39,847	0.0%	\$0
Narromine	710000179	Mains	Town Reticulation Gravity Sewer Mains	1958	84.4	225	Exclude	Pre 1989 asset	\$45,238	0.0%	\$0
Narromine	710000306	Mains	Town Reticulation Gravity Sewer Mains	1958	58.4	225	Exclude	Pre 1989 asset	\$31,275	0.0%	\$0
Narromine	710000307	Mains	Town Reticulation Gravity Sewer Mains	1958	80.6	225	Exclude	Pre 1989 asset	\$43,196	0.0%	\$0
Narromine	710000308	Mains	Town Reticulation Gravity Sewer Mains	1958	79.6	225	Exclude	Pre 1989 asset	\$42,623	0.0%	\$0
Narromine	710000305	Mains	Town Reticulation Gravity Sewer Mains	1958	14.3	225	Exclude	Pre 1989 asset	\$7,678	0.0%	\$0
Narromine	710000364	Mains	Town Reticulation Gravity Sewer Mains	1958	53.1	225	Exclude	Pre 1989 asset	\$28,424	0.0%	\$0
Narromine	710000365	Mains	Town Reticulation Gravity Sewer Mains	1958	75.3	225	Exclude	Pre 1989 asset	\$40,340	0.0%	\$0
Narromine	710000366	Mains	Town Reticulation Gravity Sewer Mains	1958	80.2	225	Exclude	Pre 1989 asset	\$42,950	0.0%	\$0
Narromine	710000248	Mains	Town Reticulation Gravity Sewer Mains	1958	54.0	225	Exclude	Pre 1989 asset	\$28,906	0.0%	\$0
Narromine	710000249	Mains	Town Reticulation Gravity Sewer Mains	1958	52.4	225	Exclude	Pre 1989 asset	\$28,092	0.0%	\$0
Narromine	710000250	Mains	Town Reticulation Gravity Sewer Mains	1958	74.4	225	Exclude	Pre 1989 asset	\$29,001	0.0%	\$0
Narromine	710000251	Mains	Town Reticulation Gravity Sewer Mains	1958	59.4	225	Exclude	Pre 1989 asset	\$23,179	0.0%	\$0
Narromine	710000252	Mains	Town Reticulation Gravity Sewer Mains	1958	45.0	225	Exclude	Pre 1989 asset	\$17,532	0.0%	\$0
Narromine	710000253	Mains	Town Reticulation Gravity Sewer Mains	1958	30.5	225	Exclude	Pre 1989 asset	\$11,886	0.0%	\$0

Existing Assets - Sewerage

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Dia (mm)					
Narromine	7100000304	Mains	Town Reticulation Gravity Sewer Mains	1958	14.3	225	Exclude	Pre 1989 asset	\$3,604	0.0%	\$0
Narromine	7100000028	Mains	Town Reticulation Gravity Sewer Mains	1958	50.3	300	Exclude	Pre 1989 asset	\$32,911	0.0%	\$0
Narromine	7100000029	Mains	Town Reticulation Gravity Sewer Mains	1958	25.5	300	Exclude	Pre 1989 asset	\$16,685	0.0%	\$0
Narromine	7100000030	Mains	Town Reticulation Gravity Sewer Mains	1958	69.7	300	Exclude	Pre 1989 asset	\$45,605	0.0%	\$0
Narromine	7100000031	Mains	Town Reticulation Gravity Sewer Mains	1958	69.4	300	Exclude	Pre 1989 asset	\$45,408	0.0%	\$0
Narromine	7100000032	Mains	Town Reticulation Gravity Sewer Mains	1958	66.3	300	Exclude	Pre 1989 asset	\$43,380	0.0%	\$0
Narromine	7100000033	Mains	Town Reticulation Gravity Sewer Mains	1958	48.2	300	Exclude	Pre 1989 asset	\$31,537	0.0%	\$0
Narromine	7100000034	Mains	Town Reticulation Gravity Sewer Mains	1958	49.2	300	Exclude	Pre 1989 asset	\$32,192	0.0%	\$0
Narromine	7100000035	Mains	Town Reticulation Gravity Sewer Mains	1958	69.8	300	Exclude	Pre 1989 asset	\$45,657	0.0%	\$0
Narromine	7100000036	Mains	Town Reticulation Gravity Sewer Mains	1958	51.8	300	Exclude	Pre 1989 asset	\$33,860	0.0%	\$0
Narromine	7100000037	Mains	Town Reticulation Gravity Sewer Mains	1958	68.2	300	Exclude	Pre 1989 asset	\$44,604	0.0%	\$0
Narromine	7100000038	Mains	Town Reticulation Gravity Sewer Mains	1958	74.0	300	Exclude	Pre 1989 asset	\$48,412	0.0%	\$0
Narromine	7100000039	Mains	Town Reticulation Gravity Sewer Mains	1958	68.5	300	Exclude	Pre 1989 asset	\$35,924	0.0%	\$0
Narromine	7100000040	Mains	Town Reticulation Gravity Sewer Mains	1958	71.9	300	Exclude	Pre 1989 asset	\$37,723	0.0%	\$0
Narromine	7100000041	Mains	Town Reticulation Gravity Sewer Mains	1958	78.2	300	Exclude	Pre 1989 asset	\$40,996	0.0%	\$0
Narromine	7100000042	Mains	Town Reticulation Gravity Sewer Mains	1958	79.2	300	Exclude	Pre 1989 asset	\$41,552	0.0%	\$0
Narromine	7100000043	Mains	Town Reticulation Gravity Sewer Mains	1958	66.9	300	Exclude	Pre 1989 asset	\$35,096	0.0%	\$0
Narromine	7100000044	Mains	Town Reticulation Gravity Sewer Mains	1958	65.6	300	Exclude	Pre 1989 asset	\$34,388	0.0%	\$0
Narromine	7100000045	Mains	Town Reticulation Gravity Sewer Mains	1958	66.7	300	Exclude	Pre 1989 asset	\$34,965	0.0%	\$0
Narromine	7100000047	Mains	Town Reticulation Gravity Sewer Mains	1958	65.3	300	Exclude	Pre 1989 asset	\$34,225	0.0%	\$0
Narromine	7100000048	Mains	Town Reticulation Gravity Sewer Mains	1958	77.1	300	Exclude	Pre 1989 asset	\$40,425	0.0%	\$0
Narromine	7100000049	Mains	Town Reticulation Gravity Sewer Mains	1958	88.5	300	Exclude	Pre 1989 asset	\$46,420	0.0%	\$0
Narromine	7100000051	Mains	Town Reticulation Gravity Sewer Mains	1958	71.7	300	Exclude	Pre 1989 asset	\$37,592	0.0%	\$0
Narromine	7100000052	Mains	Town Reticulation Gravity Sewer Mains	1958	78.7	300	Exclude	Pre 1989 asset	\$27,644	0.0%	\$0
Narromine	7100000053	Mains	Town Reticulation Gravity Sewer Mains	1958	81.8	300	Exclude	Pre 1989 asset	\$28,741	0.0%	\$0
Narromine	7100000054	Mains	Town Reticulation Gravity Sewer Mains	1958	28.3	300	Exclude	Pre 1989 asset	\$9,947	0.0%	\$0
Narromine	7100000055	Mains	Town Reticulation Gravity Sewer Mains	1958	61.2	300	Exclude	Pre 1989 asset	\$21,511	0.0%	\$0
Narromine	7100000056	Mains	Town Reticulation Gravity Sewer Mains	1958	31.7	300	Exclude	Pre 1989 asset	\$11,142	0.0%	\$0
Narromine	7100000058	Mains	Town Reticulation Gravity Sewer Mains	1958	58.8	300	Exclude	Pre 1989 asset	\$20,667	0.0%	\$0
Narromine	7100000063	Mains	Town Reticulation Gravity Sewer Mains	1958	70.0	300	Exclude	Pre 1989 asset	\$45,801	0.0%	\$0
Narromine	7100000064	Mains	Town Reticulation Gravity Sewer Mains	1958	46.9	300	Exclude	Pre 1989 asset	\$30,687	0.0%	\$0
Narromine	7100000065	Mains	Town Reticulation Gravity Sewer Mains	1958	53.8	300	Exclude	Pre 1989 asset	\$35,201	0.0%	\$0
Narromine	7100000066	Mains	Town Reticulation Gravity Sewer Mains	1958	50.1	300	Exclude	Pre 1989 asset	\$32,780	0.0%	\$0
Narromine	7100000067	Mains	Town Reticulation Gravity Sewer Mains	1958	53.0	300	Exclude	Pre 1989 asset	\$34,678	0.0%	\$0
Narromine	7100000068	Mains	Town Reticulation Gravity Sewer Mains	1958	36.9	300	Exclude	Pre 1989 asset	\$24,144	0.0%	\$0
Narromine	7100000069	Mains	Town Reticulation Gravity Sewer Mains	1958	44.7	300	Exclude	Pre 1989 asset	\$29,247	0.0%	\$0
Narromine	7100000070	Mains	Town Reticulation Gravity Sewer Mains	1958	67.5	300	Exclude	Pre 1989 asset	\$44,165	0.0%	\$0
Narromine	7100000512	Mains	Town Reticulation Gravity Sewer Mains	1958	10.0	300	Exclude	Pre 1989 asset	\$3,515	0.0%	\$0
Narromine	7100000027	Mains	Town Reticulation Gravity Sewer Mains	1958	30.1	375	Exclude	Pre 1989 asset	\$22,568	0.0%	\$0
Narromine	7100000062	Mains	Town Reticulation Gravity Sewer Mains	1958	63.7	375	Exclude	Pre 1989 asset	\$47,707	0.0%	\$0
Narromine	7100000061	Mains	Town Reticulation Gravity Sewer Mains	1958	14.0	375	Exclude	Pre 1989 asset	\$10,508	0.0%	\$0
Narromine	7100000317	Mains	Town Reticulation Gravity Sewer Mains	1960	75.6	150	Exclude	Pre 1989 asset	\$15,460	0.0%	\$0
Narromine	7100000318	Mains	Town Reticulation Gravity Sewer Mains	1960	57.9	150	Exclude	Pre 1989 asset	\$6,619	0.0%	\$0
Narromine	7100000381	Mains	Town Reticulation Gravity Sewer Mains	1960	63.4	150	Exclude	Pre 1989 asset	\$20,803	0.0%	\$0
Narromine	7100000382	Mains	Town Reticulation Gravity Sewer Mains	1960	65.5	150	Exclude	Pre 1989 asset	\$13,403	0.0%	\$0
Narromine	7100000206	Mains	Town Reticulation Gravity Sewer Mains	1962	43.6	150	Exclude	Pre 1989 asset	\$4,980	0.0%	\$0
Narromine	7100000044	Mains	Town Reticulation Gravity Sewer Mains	1962	26.7	150	Exclude	Pre 1989 asset	\$3,048	0.0%	\$0
Narromine	7100000300	Mains	Town Reticulation Gravity Sewer Mains	1962	77.4	150	Exclude	Pre 1989 asset	\$25,404	0.0%	\$0
Narromine	7100000050	Mains	Town Reticulation Gravity Sewer Mains	1962	32.8	150	Exclude	Pre 1989 asset	\$3,745	0.0%	\$0
Narromine	7100000204	Mains	Town Reticulation Gravity Sewer Mains	1962	37.5	150	Exclude	Pre 1989 asset	\$7,664	0.0%	\$0
Narromine	7100000057	Mains	Town Reticulation Gravity Sewer Mains	1962	11.9	150	Exclude	Pre 1989 asset	\$2,432	0.0%	\$0
Narromine	7100000207	Mains	Town Reticulation Gravity Sewer Mains	1962	51.2	150	Exclude	Pre 1989 asset	\$10,474	0.0%	\$0
Narromine	7100000226	Mains	Town Reticulation Gravity Sewer Mains	1962	52.3	150	Exclude	Pre 1989 asset	\$23,095	0.0%	\$0
Narromine	7100000110	Mains	Town Reticulation Gravity Sewer Mains	1962	75.0	150	Exclude	Pre 1989 asset	\$15,336	0.0%	\$0
Narromine	7100000115	Mains	Town Reticulation Gravity Sewer Mains	1962	20.0	150	Exclude	Pre 1989 asset	\$4,091	0.0%	\$0
Narromine	7100000112	Mains	Town Reticulation Gravity Sewer Mains	1962	17.5	150	Exclude	Pre 1989 asset	\$2,004	0.0%	\$0
Narromine	7100000116	Mains	Town Reticulation Gravity Sewer Mains	1962	41.5	150	Exclude	Pre 1989 asset	\$4,738	0.0%	\$0
Narromine	7100000117	Mains	Town Reticulation Gravity Sewer Mains	1962	30.5	150	Exclude	Pre 1989 asset	\$6,234	0.0%	\$0
Narromine	7100000163	Mains	Town Reticulation Gravity Sewer Mains	1962	66.1	150	Exclude	Pre 1989 asset	\$21,702	0.0%	\$0
Narromine	7100000092	Mains	Town Reticulation Gravity Sewer Mains	1962	53.2	150	Exclude	Pre 1989 asset	\$17,456	0.0%	\$0
Narromine	7100000084	Mains	Town Reticulation Gravity Sewer Mains	1962	82.6	150	Exclude	Pre 1989 asset	\$16,894	0.0%	\$0
Narromine	7100000085	Mains	Town Reticulation Gravity Sewer Mains	1962	18.3	150	Exclude	Pre 1989 asset	\$3,741	0.0%	\$0
Narromine	7100000172	Mains	Town Reticulation Gravity Sewer Mains	1962	80.2	150	Exclude	Pre 1989 asset	\$16,395	0.0%	\$0
Narromine	7100000176	Mains	Town Reticulation Gravity Sewer Mains	1962	52.1	150	Exclude	Pre 1989 asset	\$10,660	0.0%	\$0
Narromine	7100000174	Mains	Town Reticulation Gravity Sewer Mains	1962	48.6	150	Exclude	Pre 1989 asset	\$9,940	0.0%	\$0
Narromine	7100000083	Mains	Town Reticulation Gravity Sewer Mains	1962	75.5	150	Exclude	Pre 1989 asset	\$24,774	0.0%	\$0
Narromine	7100000209	Mains	Town Reticulation Gravity Sewer Mains	1962	37.2	150	Exclude	Pre 1989 asset	\$7,606	0.0%	\$0
Narromine	7100000118	Mains	Town Reticulation Gravity Sewer Mains	1962	74.2	150	Exclude	Pre 1989 asset	\$32,785	0.0%	\$0
Narromine	7100000129	Mains	Town Reticulation Gravity Sewer Mains	1962	43.5	150	Exclude	Pre 1989 asset	\$14,274	0.0%	\$0
Narromine	7100000125	Mains	Town Reticulation Gravity Sewer Mains	1962	89.3	150	Exclude	Pre 1989 asset	\$18,266	0.0%	\$0
Narromine	7100000128	Mains	Town Reticulation Gravity Sewer Mains	1962	11.6	150	Exclude	Pre 1989 asset	\$1,326	0.0%	\$0
Narromine	7100000122	Mains	Town Reticulation Gravity Sewer Mains	1962	10.4	150	Exclude	Pre 1989 asset	\$1,184	0.0%	\$0
Narromine	7100000198	Mains	Town Reticulation Gravity Sewer Mains	1962	29.9	150	Exclude	Pre 1989 asset	\$3,414	0.0%	\$0
Narromine	7100000126	Mains	Town Reticulation Gravity Sewer Mains	1962	55.7	150	Exclude	Pre 1989 asset	\$11,392	0.0%	\$0
Narromine	7100000127	Mains	Town Reticulation Gravity Sewer Mains	1962	55.7	150	Exclude	Pre 1989 asset	\$6,367	0.0%	\$0
Narromine	7100000130	Mains	Town Reticulation Gravity Sewer Mains	1962	46.0	150	Exclude	Pre 1989 asset	\$9,412	0.0%	\$0
Narromine	7100000131	Mains	Town Reticulation Gravity Sewer Mains	1962	52.6	150	Exclude	Pre 1989 asset	\$10,754	0.0%	\$0
Narromine	7100000134	Mains	Town Reticulation Gravity Sewer Mains	1962	81.7	150	Exclude	Pre 1989 asset	\$26,801	0.0%	\$0



## Existing Assets - Sewerage

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Dia (mm)					
Narromine	710000140	Mains	Town Reticulation Gravity Sewer Mains	1962	56.7	150	Exclude	Pre 1989 asset	\$18,602	0.0%	\$0
Narromine	710000135	Mains	Town Reticulation Gravity Sewer Mains	1962	76.2	150	Exclude	Pre 1989 asset	\$25,003	0.0%	\$0
Narromine	710000136	Mains	Town Reticulation Gravity Sewer Mains	1962	80.8	150	Exclude	Pre 1989 asset	\$16,520	0.0%	\$0
Narromine	710000144	Mains	Town Reticulation Gravity Sewer Mains	1962	65.5	150	Exclude	Pre 1989 asset	\$21,502	0.0%	\$0
Narromine	710000145	Mains	Town Reticulation Gravity Sewer Mains	1962	30.5	150	Exclude	Pre 1989 asset	\$3,484	0.0%	\$0
Narromine	710000137	Mains	Town Reticulation Gravity Sewer Mains	1962	82.0	150	Exclude	Pre 1989 asset	\$16,769	0.0%	\$0
Narromine	710000138	Mains	Town Reticulation Gravity Sewer Mains	1962	25.6	150	Exclude	Pre 1989 asset	\$5,236	0.0%	\$0
Narromine	710000139	Mains	Town Reticulation Gravity Sewer Mains	1962	23.5	150	Exclude	Pre 1989 asset	\$4,800	0.0%	\$0
Narromine	710000141	Mains	Town Reticulation Gravity Sewer Mains	1962	69.8	150	Exclude	Pre 1989 asset	\$14,276	0.0%	\$0
Narromine	710000142	Mains	Town Reticulation Gravity Sewer Mains	1962	71.6	150	Exclude	Pre 1989 asset	\$14,650	0.0%	\$0
Narromine	710000143	Mains	Town Reticulation Gravity Sewer Mains	1962	13.1	150	Exclude	Pre 1989 asset	\$1,498	0.0%	\$0
Narromine	710000146	Mains	Town Reticulation Gravity Sewer Mains	1962	64.3	150	Exclude	Pre 1989 asset	\$13,153	0.0%	\$0
Narromine	710000147	Mains	Town Reticulation Gravity Sewer Mains	1962	68.6	150	Exclude	Pre 1989 asset	\$14,027	0.0%	\$0
Narromine	710000150	Mains	Town Reticulation Gravity Sewer Mains	1962	81.2	150	Exclude	Pre 1989 asset	\$26,655	0.0%	\$0
Narromine	710000155	Mains	Town Reticulation Gravity Sewer Mains	1962	80.5	150	Exclude	Pre 1989 asset	\$16,458	0.0%	\$0
Narromine	710000157	Mains	Town Reticulation Gravity Sewer Mains	1962	78.9	150	Exclude	Pre 1989 asset	\$16,145	0.0%	\$0
Narromine	710000151	Mains	Town Reticulation Gravity Sewer Mains	1962	54.0	150	Exclude	Pre 1989 asset	\$17,703	0.0%	\$0
Narromine	710000152	Mains	Town Reticulation Gravity Sewer Mains	1962	80.5	150	Exclude	Pre 1989 asset	\$16,458	0.0%	\$0
Narromine	710000161	Mains	Town Reticulation Gravity Sewer Mains	1962	80.5	150	Exclude	Pre 1989 asset	\$16,458	0.0%	\$0
Narromine	710000153	Mains	Town Reticulation Gravity Sewer Mains	1962	64.9	150	Exclude	Pre 1989 asset	\$13,278	0.0%	\$0
Narromine	710000154	Mains	Town Reticulation Gravity Sewer Mains	1962	28.4	150	Exclude	Pre 1989 asset	\$3,240	0.0%	\$0
Narromine	710000156	Mains	Town Reticulation Gravity Sewer Mains	1962	74.7	150	Exclude	Pre 1989 asset	\$15,274	0.0%	\$0
Narromine	710000158	Mains	Town Reticulation Gravity Sewer Mains	1962	56.4	150	Exclude	Pre 1989 asset	\$11,533	0.0%	\$0
Narromine	710000159	Mains	Town Reticulation Gravity Sewer Mains	1962	25.3	150	Exclude	Pre 1989 asset	\$5,175	0.0%	\$0
Narromine	710000160	Mains	Town Reticulation Gravity Sewer Mains	1962	23.2	150	Exclude	Pre 1989 asset	\$2,647	0.0%	\$0
Narromine	710000162	Mains	Town Reticulation Gravity Sewer Mains	1962	81.7	150	Exclude	Pre 1989 asset	\$16,708	0.0%	\$0
Narromine	710000164	Mains	Town Reticulation Gravity Sewer Mains	1962	39.9	150	Exclude	Pre 1989 asset	\$13,102	0.0%	\$0
Narromine	710000165	Mains	Town Reticulation Gravity Sewer Mains	1962	61.0	150	Exclude	Pre 1989 asset	\$20,003	0.0%	\$0
Narromine	710000166	Mains	Town Reticulation Gravity Sewer Mains	1962	59.7	150	Exclude	Pre 1989 asset	\$19,602	0.0%	\$0
Narromine	710000193	Mains	Town Reticulation Gravity Sewer Mains	1962	79.9	150	Exclude	Pre 1989 asset	\$16,334	0.0%	\$0
Narromine	710000167	Mains	Town Reticulation Gravity Sewer Mains	1962	48.8	150	Exclude	Pre 1989 asset	\$9,975	0.0%	\$0
Narromine	710000168	Mains	Town Reticulation Gravity Sewer Mains	1962	80.5	150	Exclude	Pre 1989 asset	\$16,458	0.0%	\$0
Narromine	710000169	Mains	Town Reticulation Gravity Sewer Mains	1962	70.0	150	Exclude	Pre 1989 asset	\$14,317	0.0%	\$0
Narromine	710000170	Mains	Town Reticulation Gravity Sewer Mains	1962	80.5	150	Exclude	Pre 1989 asset	\$9,198	0.0%	\$0
Narromine	710000171	Mains	Town Reticulation Gravity Sewer Mains	1962	8.5	150	Exclude	Pre 1989 asset	\$975	0.0%	\$0
Narromine	710000093	Mains	Town Reticulation Gravity Sewer Mains	1962	54.0	150	Exclude	Pre 1989 asset	\$17,703	0.0%	\$0
Narromine	710000173	Mains	Town Reticulation Gravity Sewer Mains	1962	21.6	150	Exclude	Pre 1989 asset	\$2,473	0.0%	\$0
Narromine	710000175	Mains	Town Reticulation Gravity Sewer Mains	1962	29.3	150	Exclude	Pre 1989 asset	\$3,344	0.0%	\$0
Narromine	710000177	Mains	Town Reticulation Gravity Sewer Mains	1962	42.1	150	Exclude	Pre 1989 asset	\$4,807	0.0%	\$0
Narromine	710000199	Mains	Town Reticulation Gravity Sewer Mains	1962	64.9	150	Exclude	Pre 1989 asset	\$21,302	0.0%	\$0
Narromine	710000214	Mains	Town Reticulation Gravity Sewer Mains	1962	57.0	150	Exclude	Pre 1989 asset	\$11,658	0.0%	\$0
Narromine	710000221	Mains	Town Reticulation Gravity Sewer Mains	1962	61.9	150	Exclude	Pre 1989 asset	\$12,654	0.0%	\$0
Narromine	710000309	Mains	Town Reticulation Gravity Sewer Mains	1962	78.3	150	Exclude	Pre 1989 asset	\$25,702	0.0%	\$0
Narromine	710000310	Mains	Town Reticulation Gravity Sewer Mains	1962	76.5	150	Exclude	Pre 1989 asset	\$25,102	0.0%	\$0
Narromine	710000311	Mains	Town Reticulation Gravity Sewer Mains	1962	72.4	150	Exclude	Pre 1989 asset	\$23,753	0.0%	\$0
Narromine	710000312	Mains	Town Reticulation Gravity Sewer Mains	1962	73.5	150	Exclude	Pre 1989 asset	\$24,104	0.0%	\$0
Narromine	710000313	Mains	Town Reticulation Gravity Sewer Mains	1962	5.1	150	Exclude	Pre 1989 asset	\$1,043	0.0%	\$0
Narromine	710000314	Mains	Town Reticulation Gravity Sewer Mains	1962	70.0	150	Exclude	Pre 1989 asset	\$22,953	0.0%	\$0
Narromine	710000332	Mains	Town Reticulation Gravity Sewer Mains	1962	72.9	150	Exclude	Pre 1989 asset	\$32,188	0.0%	\$0
Narromine	710000315	Mains	Town Reticulation Gravity Sewer Mains	1962	63.4	150	Exclude	Pre 1989 asset	\$12,967	0.0%	\$0
Narromine	710000316	Mains	Town Reticulation Gravity Sewer Mains	1962	76.8	150	Exclude	Pre 1989 asset	\$15,708	0.0%	\$0
Narromine	710000349	Mains	Town Reticulation Gravity Sewer Mains	1962	79.6	150	Exclude	Pre 1989 asset	\$35,148	0.0%	\$0
Narromine	710000330	Mains	Town Reticulation Gravity Sewer Mains	1962	79.9	150	Exclude	Pre 1989 asset	\$9,128	0.0%	\$0
Narromine	710000331	Mains	Town Reticulation Gravity Sewer Mains	1962	14.9	150	Exclude	Pre 1989 asset	\$1,706	0.0%	\$0
Narromine	710000333	Mains	Town Reticulation Gravity Sewer Mains	1962	73.6	150	Exclude	Pre 1989 asset	\$32,519	0.0%	\$0
Narromine	710000334	Mains	Town Reticulation Gravity Sewer Mains	1962	72.9	150	Exclude	Pre 1989 asset	\$32,188	0.0%	\$0
Narromine	710000335	Mains	Town Reticulation Gravity Sewer Mains	1962	75.9	150	Exclude	Pre 1989 asset	\$24,902	0.0%	\$0
Narromine	710000350	Mains	Town Reticulation Gravity Sewer Mains	1962	79.6	150	Exclude	Pre 1989 asset	\$35,148	0.0%	\$0
Narromine	710000351	Mains	Town Reticulation Gravity Sewer Mains	1962	73.2	150	Exclude	Pre 1989 asset	\$32,321	0.0%	\$0
Narromine	710000352	Mains	Town Reticulation Gravity Sewer Mains	1962	64.9	150	Exclude	Pre 1989 asset	\$21,302	0.0%	\$0
Narromine	710000353	Mains	Town Reticulation Gravity Sewer Mains	1962	65.5	150	Exclude	Pre 1989 asset	\$21,502	0.0%	\$0
Narromine	710000354	Mains	Town Reticulation Gravity Sewer Mains	1962	66.1	150	Exclude	Pre 1989 asset	\$13,527	0.0%	\$0
Narromine	710000376	Mains	Town Reticulation Gravity Sewer Mains	1962	59.4	150	Exclude	Pre 1989 asset	\$26,263	0.0%	\$0
Narromine	710000367	Mains	Town Reticulation Gravity Sewer Mains	1962	72.9	150	Exclude	Pre 1989 asset	\$32,188	0.0%	\$0
Narromine	710000368	Mains	Town Reticulation Gravity Sewer Mains	1962	71.3	150	Exclude	Pre 1989 asset	\$31,512	0.0%	\$0
Narromine	710000369	Mains	Town Reticulation Gravity Sewer Mains	1962	74.7	150	Exclude	Pre 1989 asset	\$24,505	0.0%	\$0
Narromine	710000370	Mains	Town Reticulation Gravity Sewer Mains	1962	73.6	150	Exclude	Pre 1989 asset	\$24,154	0.0%	\$0
Narromine	710000371	Mains	Town Reticulation Gravity Sewer Mains	1962	66.1	150	Exclude	Pre 1989 asset	\$21,702	0.0%	\$0
Narromine	710000372	Mains	Town Reticulation Gravity Sewer Mains	1962	63.7	150	Exclude	Pre 1989 asset	\$13,028	0.0%	\$0
Narromine	710000373	Mains	Town Reticulation Gravity Sewer Mains	1962	64.0	150	Exclude	Pre 1989 asset	\$13,092	0.0%	\$0
Narromine	710000374	Mains	Town Reticulation Gravity Sewer Mains	1962	70.1	150	Exclude	Pre 1989 asset	\$14,337	0.0%	\$0
Narromine	710000375	Mains	Town Reticulation Gravity Sewer Mains	1962	1.0	150	Exclude	Pre 1989 asset	\$115	0.0%	\$0
Narromine	710000394	Mains	Town Reticulation Gravity Sewer Mains	1962	68.0	150	Exclude	Pre 1989 asset	\$13,902	0.0%	\$0
Narromine	710000377	Mains	Town Reticulation Gravity Sewer Mains	1962	59.4	150	Exclude	Pre 1989 asset	\$26,263	0.0%	\$0
Narromine	710000378	Mains	Town Reticulation Gravity Sewer Mains	1962	64.0	150	Exclude	Pre 1989 asset	\$28,282	0.0%	\$0
Narromine	710000379	Mains	Town Reticulation Gravity Sewer Mains	1962	61.9	150	Exclude	Pre 1989 asset	\$20,301	0.0%	\$0
Narromine	710000380	Mains	Town Reticulation Gravity Sewer Mains	1962	39.6	150	Exclude	Pre 1989 asset	\$13,000	0.0%	\$0
Narromine	710000395	Mains	Town Reticulation Gravity Sewer Mains	1962	63.4	150	Exclude	Pre 1989 asset	\$12,967	0.0%	\$0

## Existing Assets - Sewerage

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Dia (mm)					
Narromine	710000396	Mains	Town Reticulation Gravity Sewer Mains	1962	28.0	150	Exclude	Pre 1989 asset	\$3,205	0.0%	\$0
Narromine	710000187	Mains	Town Reticulation Gravity Sewer Mains	1962	52.1	150	Exclude	Pre 1989 asset	\$10,860	0.0%	\$0
Narromine	710000191	Mains	Town Reticulation Gravity Sewer Mains	1962	42.2	150	Exclude	Pre 1989 asset	\$8,623	0.0%	\$0
Narromine	710000188	Mains	Town Reticulation Gravity Sewer Mains	1962	49.1	150	Exclude	Pre 1989 asset	\$10,036	0.0%	\$0
Narromine	710000189	Mains	Town Reticulation Gravity Sewer Mains	1962	26.4	150	Exclude	Pre 1989 asset	\$3,014	0.0%	\$0
Narromine	710000192	Mains	Town Reticulation Gravity Sewer Mains	1962	42.2	150	Exclude	Pre 1989 asset	\$8,623	0.0%	\$0
Narromine	710000194	Mains	Town Reticulation Gravity Sewer Mains	1962	77.4	150	Exclude	Pre 1989 asset	\$15,835	0.0%	\$0
Narromine	710000195	Mains	Town Reticulation Gravity Sewer Mains	1962	27.7	150	Exclude	Pre 1989 asset	\$3,171	0.0%	\$0
Narromine	710000200	Mains	Town Reticulation Gravity Sewer Mains	1962	56.0	150	Exclude	Pre 1989 asset	\$11,454	0.0%	\$0
Narromine	710000201	Mains	Town Reticulation Gravity Sewer Mains	1962	57.5	150	Exclude	Pre 1989 asset	\$11,766	0.0%	\$0
Narromine	710000202	Mains	Town Reticulation Gravity Sewer Mains	1962	36.0	150	Exclude	Pre 1989 asset	\$4,111	0.0%	\$0
Narromine	710000213	Mains	Town Reticulation Gravity Sewer Mains	1962	19.2	150	Exclude	Pre 1989 asset	\$2,195	0.0%	\$0
Narromine	710000203	Mains	Town Reticulation Gravity Sewer Mains	1962	9.3	150	Exclude	Pre 1989 asset	\$1,063	0.0%	\$0
Narromine	710000208	Mains	Town Reticulation Gravity Sewer Mains	1962	37.6	150	Exclude	Pre 1989 asset	\$4,302	0.0%	\$0
Narromine	710000210	Mains	Town Reticulation Gravity Sewer Mains	1962	11.6	150	Exclude	Pre 1989 asset	\$1,324	0.0%	\$0
Narromine	710000211	Mains	Town Reticulation Gravity Sewer Mains	1962	17.1	150	Exclude	Pre 1989 asset	\$1,951	0.0%	\$0
Narromine	710000215	Mains	Town Reticulation Gravity Sewer Mains	1962	20.1	150	Exclude	Pre 1989 asset	\$4,115	0.0%	\$0
Narromine	710000218	Mains	Town Reticulation Gravity Sewer Mains	1962	34.8	150	Exclude	Pre 1989 asset	\$7,107	0.0%	\$0
Narromine	710000220	Mains	Town Reticulation Gravity Sewer Mains	1962	47.2	150	Exclude	Pre 1989 asset	\$5,400	0.0%	\$0
Narromine	710000196	Mains	Town Reticulation Gravity Sewer Mains	1962	15.4	150	Exclude	Pre 1989 asset	\$1,759	0.0%	\$0
Narromine	710000216	Mains	Town Reticulation Gravity Sewer Mains	1962	34.1	150	Exclude	Pre 1989 asset	\$3,902	0.0%	\$0
Narromine	710000217	Mains	Town Reticulation Gravity Sewer Mains	1962	29.7	150	Exclude	Pre 1989 asset	\$3,396	0.0%	\$0
Narromine	710000219	Mains	Town Reticulation Gravity Sewer Mains	1962	30.8	150	Exclude	Pre 1989 asset	\$6,295	0.0%	\$0
Narromine	710000225	Mains	Town Reticulation Gravity Sewer Mains	1962	20.7	150	Exclude	Pre 1989 asset	\$2,369	0.0%	\$0
Narromine	710000222	Mains	Town Reticulation Gravity Sewer Mains	1962	59.4	150	Exclude	Pre 1989 asset	\$12,157	0.0%	\$0
Narromine	710000223	Mains	Town Reticulation Gravity Sewer Mains	1962	65.2	150	Exclude	Pre 1989 asset	\$13,341	0.0%	\$0
Narromine	710000227	Mains	Town Reticulation Gravity Sewer Mains	1962	80.5	150	Exclude	Pre 1989 asset	\$35,555	0.0%	\$0
Narromine	710000228	Mains	Town Reticulation Gravity Sewer Mains	1962	62.5	150	Exclude	Pre 1989 asset	\$20,501	0.0%	\$0
Narromine	710000240	Mains	Town Reticulation Gravity Sewer Mains	1962	80.5	150	Exclude	Pre 1989 asset	\$26,404	0.0%	\$0
Narromine	710000229	Mains	Town Reticulation Gravity Sewer Mains	1962	74.7	150	Exclude	Pre 1989 asset	\$24,505	0.0%	\$0
Narromine	710000230	Mains	Town Reticulation Gravity Sewer Mains	1962	80.5	150	Exclude	Pre 1989 asset	\$16,458	0.0%	\$0
Narromine	710000232	Mains	Town Reticulation Gravity Sewer Mains	1962	86.9	150	Exclude	Pre 1989 asset	\$17,767	0.0%	\$0
Narromine	710000245	Mains	Town Reticulation Gravity Sewer Mains	1962	72.3	150	Exclude	Pre 1989 asset	\$14,781	0.0%	\$0
Narromine	710000231	Mains	Town Reticulation Gravity Sewer Mains	1962	87.8	150	Exclude	Pre 1989 asset	\$10,033	0.0%	\$0
Narromine	710000233	Mains	Town Reticulation Gravity Sewer Mains	1962	54.9	150	Exclude	Pre 1989 asset	\$11,220	0.0%	\$0
Narromine	710000235	Mains	Town Reticulation Gravity Sewer Mains	1962	30.5	150	Exclude	Pre 1989 asset	\$6,234	0.0%	\$0
Narromine	710000234	Mains	Town Reticulation Gravity Sewer Mains	1962	45.7	150	Exclude	Pre 1989 asset	\$5,226	0.0%	\$0
Narromine	710000236	Mains	Town Reticulation Gravity Sewer Mains	1962	45.7	150	Exclude	Pre 1989 asset	\$9,351	0.0%	\$0
Narromine	710000239	Mains	Town Reticulation Gravity Sewer Mains	1962	25.9	150	Exclude	Pre 1989 asset	\$5,299	0.0%	\$0
Narromine	710000237	Mains	Town Reticulation Gravity Sewer Mains	1962	45.7	150	Exclude	Pre 1989 asset	\$5,226	0.0%	\$0
Narromine	710000238	Mains	Town Reticulation Gravity Sewer Mains	1962	12.8	150	Exclude	Pre 1989 asset	\$1,463	0.0%	\$0
Narromine	710000241	Mains	Town Reticulation Gravity Sewer Mains	1962	76.2	150	Exclude	Pre 1989 asset	\$15,585	0.0%	\$0
Narromine	710000242	Mains	Town Reticulation Gravity Sewer Mains	1962	29.4	150	Exclude	Pre 1989 asset	\$6,015	0.0%	\$0
Narromine	710000244	Mains	Town Reticulation Gravity Sewer Mains	1962	67.1	150	Exclude	Pre 1989 asset	\$13,730	0.0%	\$0
Narromine	710000246	Mains	Town Reticulation Gravity Sewer Mains	1962	64.3	150	Exclude	Pre 1989 asset	\$7,351	0.0%	\$0
Narromine	710000254	Mains	Town Reticulation Gravity Sewer Mains	1962	61.0	150	Exclude	Pre 1989 asset	\$20,003	0.0%	\$0
Narromine	710000255	Mains	Town Reticulation Gravity Sewer Mains	1962	76.1	150	Exclude	Pre 1989 asset	\$15,554	0.0%	\$0
Narromine	710000256	Mains	Town Reticulation Gravity Sewer Mains	1962	63.4	150	Exclude	Pre 1989 asset	\$12,967	0.0%	\$0
Narromine	710000257	Mains	Town Reticulation Gravity Sewer Mains	1962	52.4	150	Exclude	Pre 1989 asset	\$23,166	0.0%	\$0
Narromine	710000258	Mains	Town Reticulation Gravity Sewer Mains	1962	21.3	150	Exclude	Pre 1989 asset	\$2,439	0.0%	\$0
Narromine	710000259	Mains	Town Reticulation Gravity Sewer Mains	1962	27.4	150	Exclude	Pre 1989 asset	\$3,135	0.0%	\$0
Narromine	710000266	Mains	Town Reticulation Gravity Sewer Mains	1962	89.3	150	Exclude	Pre 1989 asset	\$29,305	0.0%	\$0
Narromine	710000270	Mains	Town Reticulation Gravity Sewer Mains	1962	65.5	150	Exclude	Pre 1989 asset	\$21,502	0.0%	\$0
Narromine	710000271	Mains	Town Reticulation Gravity Sewer Mains	1962	26.2	150	Exclude	Pre 1989 asset	\$2,996	0.0%	\$0
Narromine	710000280	Mains	Town Reticulation Gravity Sewer Mains	1962	53.2	150	Exclude	Pre 1989 asset	\$10,879	0.0%	\$0
Narromine	710000283	Mains	Town Reticulation Gravity Sewer Mains	1962	63.1	150	Exclude	Pre 1989 asset	\$12,904	0.0%	\$0
Narromine	710000190	Mains	Town Reticulation Gravity Sewer Mains	1962	80.8	150	Exclude	Pre 1989 asset	\$16,520	0.0%	\$0
Narromine	710000284	Mains	Town Reticulation Gravity Sewer Mains	1962	64.6	150	Exclude	Pre 1989 asset	\$13,217	0.0%	\$0
Narromine	710000267	Mains	Town Reticulation Gravity Sewer Mains	1962	24.7	150	Exclude	Pre 1989 asset	\$2,822	0.0%	\$0
Narromine	710000268	Mains	Town Reticulation Gravity Sewer Mains	1962	52.0	150	Exclude	Pre 1989 asset	\$17,053	0.0%	\$0
Narromine	710000269	Mains	Town Reticulation Gravity Sewer Mains	1962	62.9	150	Exclude	Pre 1989 asset	\$12,873	0.0%	\$0
Narromine	710000505	Mains	Town Reticulation Rising Sewer Main 6	1962	278.1	150	Exclude	Pre 1989 asset	\$56,879	0.0%	\$0
Narromine	710000272	Mains	Town Reticulation Gravity Sewer Mains	1962	53.1	150	Exclude	Pre 1989 asset	\$10,854	0.0%	\$0
Narromine	710000273	Mains	Town Reticulation Gravity Sewer Mains	1962	80.8	150	Exclude	Pre 1989 asset	\$9,232	0.0%	\$0
Narromine	710000274	Mains	Town Reticulation Gravity Sewer Mains	1962	8.1	150	Exclude	Pre 1989 asset	\$1,661	0.0%	\$0
Narromine	710000281	Mains	Town Reticulation Gravity Sewer Mains	1962	58.5	150	Exclude	Pre 1989 asset	\$11,969	0.0%	\$0
Narromine	710000282	Mains	Town Reticulation Gravity Sewer Mains	1962	27.7	150	Exclude	Pre 1989 asset	\$3,171	0.0%	\$0
Narromine	710000298	Mains	Town Reticulation Gravity Sewer Mains	1962	57.6	150	Exclude	Pre 1989 asset	\$11,783	0.0%	\$0
Narromine	710000289	Mains	Town Reticulation Gravity Sewer Mains	1962	68.0	150	Exclude	Pre 1989 asset	\$13,902	0.0%	\$0
Narromine	710000294	Mains	Town Reticulation Gravity Sewer Mains	1962	55.2	150	Exclude	Pre 1989 asset	\$11,284	0.0%	\$0
Narromine	710000212	Mains	Town Reticulation Gravity Sewer Mains	1962	25.0	150	Exclude	Pre 1989 asset	\$2,856	0.0%	\$0
Narromine	710000290	Mains	Town Reticulation Gravity Sewer Mains	1962	49.1	150	Exclude	Pre 1989 asset	\$10,036	0.0%	\$0
Narromine	710000295	Mains	Town Reticulation Gravity Sewer Mains	1962	54.3	150	Exclude	Pre 1989 asset	\$11,096	0.0%	\$0
Narromine	710000299	Mains	Town Reticulation Gravity Sewer Mains	1962	57.3	150	Exclude	Pre 1989 asset	\$11,719	0.0%	\$0
Narromine	710000301	Mains	Town Reticulation Gravity Sewer Mains	1962	77.4	150	Exclude	Pre 1989 asset	\$15,835	0.0%	\$0
Narromine	710000302	Mains	Town Reticulation Gravity Sewer Mains	1962	68.9	150	Exclude	Pre 1989 asset	\$14,088	0.0%	\$0
Narromine	710000106	Mains	Town Reticulation Gravity Sewer Mains	1962	64.3	150	Exclude	Pre 1989 asset	\$13,153	0.0%	\$0
Narromine	710000285	Mains	Town Reticulation Gravity Sewer Mains	1962	68.4	225	Exclude	Pre 1989 asset	\$26,684	0.0%	\$0

## Existing Assets - Sewerage

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Dia (mm)					
Narronine	710000080	Mains	Town Reticulation Gravity Sewer Mains	1962	70.0	225	Exclude	Pre 1989 asset	\$17,606	0.0%	\$0
Narronine	710000082	Mains	Town Reticulation Gravity Sewer Mains	1962	4.0	225	Exclude	Pre 1989 asset	\$1,006	0.0%	\$0
Narronine	710000243	Mains	Town Reticulation Gravity Sewer Mains	1962	68.3	225	Exclude	Pre 1989 asset	\$17,174	0.0%	\$0
Narronine	710000286	Mains	Town Reticulation Gravity Sewer Mains	1962	56.4	225	Exclude	Pre 1989 asset	\$21,989	0.0%	\$0
Narronine	710000287	Mains	Town Reticulation Gravity Sewer Mains	1962	54.9	225	Exclude	Pre 1989 asset	\$21,393	0.0%	\$0
Narronine	710000288	Mains	Town Reticulation Gravity Sewer Mains	1962	56.4	225	Exclude	Pre 1989 asset	\$14,183	0.0%	\$0
Narronine	710000060	Mains	Town Reticulation Gravity Sewer Mains	1962	33.3	300	Exclude	Pre 1989 asset	\$8,823	0.0%	\$0
Narronine	710000097	Mains	Town Reticulation Gravity Sewer Mains	1966	38.9	150	Exclude	Pre 1989 asset	\$12,764	0.0%	\$0
Narronine	710000438	Mains	Town Reticulation Gravity Sewer Mains	1971	46.3	150	Exclude	Pre 1989 asset	\$5,296	0.0%	\$0
Narronine	710000439	Mains	Town Reticulation Gravity Sewer Mains	1971	15.2	150	Exclude	Pre 1989 asset	\$1,742	0.0%	\$0
Narronine	710000440	Mains	Town Reticulation Gravity Sewer Mains	1971	15.2	150	Exclude	Pre 1989 asset	\$3,117	0.0%	\$0
Narronine	710000442	Mains	Town Reticulation Gravity Sewer Mains	1971	24.4	150	Exclude	Pre 1989 asset	\$2,787	0.0%	\$0
Narronine	710000443	Mains	Town Reticulation Gravity Sewer Mains	1971	25.0	150	Exclude	Pre 1989 asset	\$2,856	0.0%	\$0
Narronine	710000446	Mains	Town Reticulation Gravity Sewer Mains	1971	103.1	150	Exclude	Pre 1989 asset	\$21,087	0.0%	\$0
Narronine	710000441	Mains	Town Reticulation Gravity Sewer Mains	1971	51.5	150	Exclude	Pre 1989 asset	\$10,535	0.0%	\$0
Narronine	710000444	Mains	Town Reticulation Gravity Sewer Mains	1971	70.0	150	Exclude	Pre 1989 asset	\$7,995	0.0%	\$0
Narronine	710000447	Mains	Town Reticulation Gravity Sewer Mains	1971	96.3	150	Exclude	Pre 1989 asset	\$19,700	0.0%	\$0
Narronine	710000445	Mains	Town Reticulation Gravity Sewer Mains	1971	59.3	150	Exclude	Pre 1989 asset	\$6,776	0.0%	\$0
Narronine	710000448	Mains	Town Reticulation Gravity Sewer Mains	1971	95.0	150	Exclude	Pre 1989 asset	\$10,853	0.0%	\$0
Narronine	710000449	Mains	Town Reticulation Gravity Sewer Mains	1971	13.7	150	Exclude	Pre 1989 asset	\$1,568	0.0%	\$0
Narronine	710000450	Mains	Town Reticulation Gravity Sewer Mains	1971	4.0	150	Exclude	Pre 1989 asset	\$1,313	0.0%	\$0
Narronine	710000451	Mains	Town Reticulation Gravity Sewer Mains	1971	89.6	150	Exclude	Pre 1989 asset	\$18,328	0.0%	\$0
Narronine	710000452	Mains	Town Reticulation Gravity Sewer Mains	1971	21.6	150	Exclude	Pre 1989 asset	\$2,473	0.0%	\$0
Narronine	710000453	Mains	Town Reticulation Gravity Sewer Mains	1971	2.0	150	Exclude	Pre 1989 asset	\$229	0.0%	\$0
Narronine	710000454	Mains	Town Reticulation Gravity Sewer Mains	1971	84.1	150	Exclude	Pre 1989 asset	\$17,201	0.0%	\$0
Narronine	710000455	Mains	Town Reticulation Gravity Sewer Mains	1971	28.4	150	Exclude	Pre 1989 asset	\$5,809	0.0%	\$0
Narronine	720000523	Mains	Town Reticulation Gravity Sewer Mains	1980	50.3	150	Exclude	Pre 1989 asset	\$10,288	0.0%	\$0
Narronine	720000538	Mains	Town Reticulation Gravity Sewer Mains	1980	74.8	150	Exclude	Pre 1989 asset	\$15,299	0.0%	\$0
Narronine	720000518	Mains	Town Reticulation Gravity Sewer Mains	1980	5.1	150	Exclude	Pre 1989 asset	\$1,043	0.0%	\$0
Narronine	720000519	Mains	Town Reticulation Gravity Sewer Mains	1980	84.9	150	Exclude	Pre 1989 asset	\$17,364	0.0%	\$0
Narronine	720000520	Mains	Town Reticulation Gravity Sewer Mains	1980	13.9	150	Exclude	Pre 1989 asset	\$2,843	0.0%	\$0
Narronine	720000568	Mains	Town Reticulation Gravity Sewer Mains	1980	37.3	150	Exclude	Pre 1989 asset	\$7,629	0.0%	\$0
Narronine	720000521	Mains	Town Reticulation Gravity Sewer Mains	1980	87.3	150	Exclude	Pre 1989 asset	\$17,855	0.0%	\$0
Narronine	720000571	Mains	Town Reticulation Gravity Sewer Mains	1980	50.9	150	Exclude	Pre 1989 asset	\$10,410	0.0%	\$0
Narronine	720000522	Mains	Town Reticulation Gravity Sewer Mains	1980	75.6	150	Exclude	Pre 1989 asset	\$15,462	0.0%	\$0
Narronine	720000572	Mains	Town Reticulation Gravity Sewer Mains	1980	75.4	150	Exclude	Pre 1989 asset	\$15,421	0.0%	\$0
Narronine	710000086	Mains	Town Reticulation Gravity Sewer Mains	1980	63.6	150	Exclude	Pre 1989 asset	\$13,008	0.0%	\$0
Narronine	720000595	Mains	Town Reticulation Gravity Sewer Mains	1980	113.0	150	Exclude	Pre 1989 asset	\$23,112	0.0%	\$0
Narronine	720000596	Mains	Town Reticulation Gravity Sewer Mains	1980	82.5	150	Exclude	Pre 1989 asset	\$16,874	0.0%	\$0
Narronine	720000597	Mains	Town Reticulation Gravity Sewer Mains	1980	84.4	150	Exclude	Pre 1989 asset	\$17,262	0.0%	\$0
Narronine	720000599	Mains	Town Reticulation Gravity Sewer Mains	1980	72.0	150	Exclude	Pre 1989 asset	\$14,726	0.0%	\$0
Narronine	720000600	Mains	Town Reticulation Gravity Sewer Mains	1980	26.1	150	Exclude	Pre 1989 asset	\$5,338	0.0%	\$0
Narronine	720000602	Mains	Town Reticulation Gravity Sewer Mains	1980	56.3	150	Exclude	Pre 1989 asset	\$11,515	0.0%	\$0
Narronine	720000604	Mains	Town Reticulation Gravity Sewer Mains	1980	12.8	150	Exclude	Pre 1989 asset	\$2,618	0.0%	\$0
Narronine	720000631	Mains	Town Reticulation Gravity Sewer Mains	1980	27.8	150	Exclude	Pre 1989 asset	\$5,686	0.0%	\$0
Narronine	720000655	Mains	Town Reticulation Gravity Sewer Mains	1980	2.5	150	Exclude	Pre 1989 asset	\$511	0.0%	\$0
Narronine	720000632	Mains	Town Reticulation Gravity Sewer Mains	1980	84.6	150	Exclude	Pre 1989 asset	\$17,303	0.0%	\$0
Narronine	720000640	Mains	Town Reticulation Gravity Sewer Mains	1980	70.0	150	Exclude	Pre 1989 asset	\$14,317	0.0%	\$0
Narronine	720000648	Mains	Town Reticulation Gravity Sewer Mains	1980	74.2	150	Exclude	Pre 1989 asset	\$15,176	0.0%	\$0
Narronine	720000633	Mains	Town Reticulation Gravity Sewer Mains	1980	43.8	150	Exclude	Pre 1989 asset	\$8,958	0.0%	\$0
Narronine	720000634	Mains	Town Reticulation Gravity Sewer Mains	1980	86.8	150	Exclude	Pre 1989 asset	\$17,753	0.0%	\$0
Narronine	720000643	Mains	Town Reticulation Gravity Sewer Mains	1980	84.6	150	Exclude	Pre 1989 asset	\$17,303	0.0%	\$0
Narronine	720000635	Mains	Town Reticulation Gravity Sewer Mains	1980	51.6	150	Exclude	Pre 1989 asset	\$10,554	0.0%	\$0
Narronine	720000636	Mains	Town Reticulation Gravity Sewer Mains	1980	73.7	150	Exclude	Pre 1989 asset	\$15,074	0.0%	\$0
Narronine	720000656	Mains	Town Reticulation Gravity Sewer Mains	1980	75.7	150	Exclude	Pre 1989 asset	\$15,483	0.0%	\$0
Narronine	720000637	Mains	Town Reticulation Gravity Sewer Mains	1980	58.7	150	Exclude	Pre 1989 asset	\$12,006	0.0%	\$0
Narronine	720000638	Mains	Town Reticulation Gravity Sewer Mains	1980	47.7	150	Exclude	Pre 1989 asset	\$9,756	0.0%	\$0
Narronine	720000647	Mains	Town Reticulation Gravity Sewer Mains	1980	14.2	150	Exclude	Pre 1989 asset	\$2,904	0.0%	\$0
Narronine	720000641	Mains	Town Reticulation Gravity Sewer Mains	1980	65.7	150	Exclude	Pre 1989 asset	\$13,437	0.0%	\$0
Narronine	720000642	Mains	Town Reticulation Gravity Sewer Mains	1980	31.8	150	Exclude	Pre 1989 asset	\$6,504	0.0%	\$0
Narronine	720000644	Mains	Town Reticulation Gravity Sewer Mains	1980	37.2	150	Exclude	Pre 1989 asset	\$7,608	0.0%	\$0
Narronine	720000645	Mains	Town Reticulation Gravity Sewer Mains	1980	32.0	150	Exclude	Pre 1989 asset	\$6,545	0.0%	\$0
Narronine	720000646	Mains	Town Reticulation Gravity Sewer Mains	1980	22.8	150	Exclude	Pre 1989 asset	\$4,663	0.0%	\$0
Narronine	710000087	Mains	Town Reticulation Gravity Sewer Mains	1980	26.0	150	Exclude	Pre 1989 asset	\$5,318	0.0%	\$0
Narronine	710000088	Mains	Town Reticulation Gravity Sewer Mains	1980	86.9	150	Exclude	Pre 1989 asset	\$17,773	0.0%	\$0
Narronine	710000089	Mains	Town Reticulation Gravity Sewer Mains	1980	133.5	150	Exclude	Pre 1989 asset	\$27,304	0.0%	\$0
Narronine	710000090	Mains	Town Reticulation Gravity Sewer Mains	1980	22.6	150	Exclude	Pre 1989 asset	\$4,622	0.0%	\$0
Narronine	710000091	Mains	Town Reticulation Gravity Sewer Mains	1980	73.8	150	Exclude	Pre 1989 asset	\$15,094	0.0%	\$0
Narronine	720000649	Mains	Town Reticulation Gravity Sewer Mains	1980	69.0	150	Exclude	Pre 1989 asset	\$14,112	0.0%	\$0
Narronine	720000654	Mains	Town Reticulation Gravity Sewer Mains	1980	62.0	150	Exclude	Pre 1989 asset	\$12,681	0.0%	\$0
Narronine	720000650	Mains	Town Reticulation Gravity Sewer Mains	1980	81.0	150	Exclude	Pre 1989 asset	\$16,567	0.0%	\$0
Narronine	720000651	Mains	Town Reticulation Gravity Sewer Mains	1980	46.9	150	Exclude	Pre 1989 asset	\$9,592	0.0%	\$0
Narronine	720000652	Mains	Town Reticulation Gravity Sewer Mains	1980	49.6	150	Exclude	Pre 1989 asset	\$10,145	0.0%	\$0
Narronine	720000653	Mains	Town Reticulation Gravity Sewer Mains	1980	72.4	150	Exclude	Pre 1989 asset	\$14,808	0.0%	\$0
Narronine	720000661	Mains	Town Reticulation Gravity Sewer Mains	1980	88.9	150	Exclude	Pre 1989 asset	\$18,183	0.0%	\$0
Narronine	720000674	Mains	Town Reticulation Gravity Sewer Mains	1980	53.2	150	Exclude	Pre 1989 asset	\$10,881	0.0%	\$0
Narronine	720000662	Mains	Town Reticulation Gravity Sewer Mains	1980	86.8	150	Exclude	Pre 1989 asset	\$17,753	0.0%	\$0
Narronine	720000667	Mains	Town Reticulation Gravity Sewer Mains	1980	78.8	150	Exclude	Pre 1989 asset	\$16,117	0.0%	\$0

**Existing Assets - Sewerage**

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Dia (mm)					
Narromine	720000663	Mains	Town Reticulation Gravity Sewer Mains	1980	75.8	150	Exclude	Pre 1989 asset	\$15,503	0.0%	\$0
Narromine	720000664	Mains	Town Reticulation Gravity Sewer Mains	1980	79.8	150	Exclude	Pre 1989 asset	\$16,321	0.0%	\$0
Narromine	720000672	Mains	Town Reticulation Gravity Sewer Mains	1980	31.2	150	Exclude	Pre 1989 asset	\$6,381	0.0%	\$0
Narromine	720000673	Mains	Town Reticulation Gravity Sewer Mains	1980	30.9	150	Exclude	Pre 1989 asset	\$6,320	0.0%	\$0
Narromine	720000665	Mains	Town Reticulation Gravity Sewer Mains	1980	50.5	150	Exclude	Pre 1989 asset	\$10,329	0.0%	\$0
Narromine	720000668	Mains	Town Reticulation Gravity Sewer Mains	1980	81.4	150	Exclude	Pre 1989 asset	\$16,649	0.0%	\$0
Narromine	720000708	Mains	Town Reticulation Gravity Sewer Mains	1980	91.5	150	Exclude	Pre 1989 asset	\$18,714	0.0%	\$0
Narromine	720000669	Mains	Town Reticulation Gravity Sewer Mains	1980	33.3	150	Exclude	Pre 1989 asset	\$6,811	0.0%	\$0
Narromine	720000670	Mains	Town Reticulation Gravity Sewer Mains	1980	70.0	150	Exclude	Pre 1989 asset	\$14,317	0.0%	\$0
Narromine	720000671	Mains	Town Reticulation Gravity Sewer Mains	1980	13.9	150	Exclude	Pre 1989 asset	\$2,843	0.0%	\$0
Narromine	720000675	Mains	Town Reticulation Gravity Sewer Mains	1980	88.4	150	Exclude	Pre 1989 asset	\$18,080	0.0%	\$0
Narromine	720000684	Mains	Town Reticulation Gravity Sewer Mains	1980	54.3	150	Exclude	Pre 1989 asset	\$11,106	0.0%	\$0
Narromine	720000693	Mains	Town Reticulation Gravity Sewer Mains	1980	92.0	150	Exclude	Pre 1989 asset	\$18,817	0.0%	\$0
Narromine	720000676	Mains	Town Reticulation Gravity Sewer Mains	1980	69.1	150	Exclude	Pre 1989 asset	\$14,133	0.0%	\$0
Narromine	720000677	Mains	Town Reticulation Gravity Sewer Mains	1980	22.9	150	Exclude	Pre 1989 asset	\$4,684	0.0%	\$0
Narromine	720000683	Mains	Town Reticulation Gravity Sewer Mains	1980	25.9	150	Exclude	Pre 1989 asset	\$5,297	0.0%	\$0
Narromine	720000678	Mains	Town Reticulation Gravity Sewer Mains	1980	28.9	150	Exclude	Pre 1989 asset	\$5,911	0.0%	\$0
Narromine	720000679	Mains	Town Reticulation Gravity Sewer Mains	1980	9.8	150	Exclude	Pre 1989 asset	\$2,004	0.0%	\$0
Narromine	720000680	Mains	Town Reticulation Gravity Sewer Mains	1980	64.3	150	Exclude	Pre 1989 asset	\$13,151	0.0%	\$0
Narromine	720000681	Mains	Town Reticulation Gravity Sewer Mains	1980	58.6	150	Exclude	Pre 1989 asset	\$11,985	0.0%	\$0
Narromine	720000682	Mains	Town Reticulation Gravity Sewer Mains	1980	19.0	150	Exclude	Pre 1989 asset	\$3,886	0.0%	\$0
Narromine	720000685	Mains	Town Reticulation Gravity Sewer Mains	1980	83.6	150	Exclude	Pre 1989 asset	\$17,099	0.0%	\$0
Narromine	720000686	Mains	Town Reticulation Gravity Sewer Mains	1980	13.4	150	Exclude	Pre 1989 asset	\$2,741	0.0%	\$0
Narromine	720000690	Mains	Town Reticulation Gravity Sewer Mains	1980	30.1	150	Exclude	Pre 1989 asset	\$6,156	0.0%	\$0
Narromine	720000687	Mains	Town Reticulation Gravity Sewer Mains	1980	41.5	150	Exclude	Pre 1989 asset	\$8,488	0.0%	\$0
Narromine	720000688	Mains	Town Reticulation Gravity Sewer Mains	1980	75.8	150	Exclude	Pre 1989 asset	\$15,503	0.0%	\$0
Narromine	720000689	Mains	Town Reticulation Gravity Sewer Mains	1980	74.1	150	Exclude	Pre 1989 asset	\$15,156	0.0%	\$0
Narromine	720000691	Mains	Town Reticulation Gravity Sewer Mains	1980	37.0	150	Exclude	Pre 1989 asset	\$7,568	0.0%	\$0
Narromine	720000692	Mains	Town Reticulation Gravity Sewer Mains	1980	28.1	150	Exclude	Pre 1989 asset	\$5,747	0.0%	\$0
Narromine	720000694	Mains	Town Reticulation Gravity Sewer Mains	1980	76.3	150	Exclude	Pre 1989 asset	\$15,605	0.0%	\$0
Narromine	720000697	Mains	Town Reticulation Gravity Sewer Mains	1980	63.2	150	Exclude	Pre 1989 asset	\$12,926	0.0%	\$0
Narromine	720000695	Mains	Town Reticulation Gravity Sewer Mains	1980	81.2	150	Exclude	Pre 1989 asset	\$16,608	0.0%	\$0
Narromine	720000707	Mains	Town Reticulation Gravity Sewer Mains	1980	41.0	150	Exclude	Pre 1989 asset	\$8,386	0.0%	\$0
Narromine	720000696	Mains	Town Reticulation Gravity Sewer Mains	1980	50.1	150	Exclude	Pre 1989 asset	\$10,247	0.0%	\$0
Narromine	720000698	Mains	Town Reticulation Gravity Sewer Mains	1980	34.6	150	Exclude	Pre 1989 asset	\$7,077	0.0%	\$0
Narromine	720000699	Mains	Town Reticulation Gravity Sewer Mains	1980	63.0	150	Exclude	Pre 1989 asset	\$12,885	0.0%	\$0
Narromine	720000702	Mains	Town Reticulation Gravity Sewer Mains	1980	78.2	150	Exclude	Pre 1989 asset	\$15,994	0.0%	\$0
Narromine	720000700	Mains	Town Reticulation Gravity Sewer Mains	1980	38.4	150	Exclude	Pre 1989 asset	\$7,854	0.0%	\$0
Narromine	720000701	Mains	Town Reticulation Gravity Sewer Mains	1980	43.5	150	Exclude	Pre 1989 asset	\$8,897	0.0%	\$0
Narromine	720000703	Mains	Town Reticulation Gravity Sewer Mains	1980	62.9	150	Exclude	Pre 1989 asset	\$12,865	0.0%	\$0
Narromine	720000705	Mains	Town Reticulation Gravity Sewer Mains	1980	40.0	150	Exclude	Pre 1989 asset	\$8,181	0.0%	\$0
Narromine	720000704	Mains	Town Reticulation Gravity Sewer Mains	1980	22.1	150	Exclude	Pre 1989 asset	\$4,520	0.0%	\$0
Narromine	720000706	Mains	Town Reticulation Gravity Sewer Mains	1980	17.6	150	Exclude	Pre 1989 asset	\$3,600	0.0%	\$0
Narromine	720000524	Mains	Town Reticulation Gravity Sewer Mains	1980	71.5	150	Exclude	Pre 1989 asset	\$14,624	0.0%	\$0
Narromine	720000525	Mains	Town Reticulation Gravity Sewer Mains	1980	60.3	150	Exclude	Pre 1989 asset	\$12,333	0.0%	\$0
Narromine	720000536	Mains	Town Reticulation Gravity Sewer Mains	1980	25.7	150	Exclude	Pre 1989 asset	\$5,256	0.0%	\$0
Narromine	720000526	Mains	Town Reticulation Gravity Sewer Mains	1980	85.0	150	Exclude	Pre 1989 asset	\$17,385	0.0%	\$0
Narromine	720000537	Mains	Town Reticulation Gravity Sewer Mains	1980	21.1	150	Exclude	Pre 1989 asset	\$4,316	0.0%	\$0
Narromine	720000527	Mains	Town Reticulation Gravity Sewer Mains	1980	77.5	150	Exclude	Pre 1989 asset	\$15,851	0.0%	\$0
Narromine	720000528	Mains	Town Reticulation Gravity Sewer Mains	1980	45.2	150	Exclude	Pre 1989 asset	\$9,245	0.0%	\$0
Narromine	720000535	Mains	Town Reticulation Gravity Sewer Mains	1980	28.6	150	Exclude	Pre 1989 asset	\$5,850	0.0%	\$0
Narromine	720000657	Mains	Town Reticulation Gravity Sewer Mains	1980	63.8	150	Exclude	Pre 1989 asset	\$13,049	0.0%	\$0
Narromine	720000658	Mains	Town Reticulation Gravity Sewer Mains	1980	44.1	150	Exclude	Pre 1989 asset	\$9,020	0.0%	\$0
Narromine	720000659	Mains	Town Reticulation Gravity Sewer Mains	1980	70.4	150	Exclude	Pre 1989 asset	\$14,399	0.0%	\$0
Narromine	710000383	Mains	Town Reticulation Gravity Sewer Mains	1980	65.5	150	Exclude	Pre 1989 asset	\$13,403	0.0%	\$0
Narromine	710000384	Mains	Town Reticulation Gravity Sewer Mains	1980	23.8	150	Exclude	Pre 1989 asset	\$4,862	0.0%	\$0
Narromine	710000385	Mains	Town Reticulation Gravity Sewer Mains	1980	77.9	150	Exclude	Pre 1989 asset	\$15,929	0.0%	\$0
Narromine	710000386	Mains	Town Reticulation Gravity Sewer Mains	1980	78.9	150	Exclude	Pre 1989 asset	\$16,145	0.0%	\$0
Narromine	710000387	Mains	Town Reticulation Gravity Sewer Mains	1980	87.8	150	Exclude	Pre 1989 asset	\$10,033	0.0%	\$0
Narromine	710000388	Mains	Town Reticulation Gravity Sewer Mains	1980	57.3	150	Exclude	Pre 1989 asset	\$11,719	0.0%	\$0
Narromine	710000389	Mains	Town Reticulation Gravity Sewer Mains	1980	50.6	150	Exclude	Pre 1989 asset	\$10,349	0.0%	\$0
Narromine	710000390	Mains	Town Reticulation Gravity Sewer Mains	1980	88.1	150	Exclude	Pre 1989 asset	\$18,015	0.0%	\$0
Narromine	710000391	Mains	Town Reticulation Gravity Sewer Mains	1980	80.8	150	Exclude	Pre 1989 asset	\$9,232	0.0%	\$0
Narromine	710000392	Mains	Town Reticulation Gravity Sewer Mains	1980	38.7	150	Exclude	Pre 1989 asset	\$4,425	0.0%	\$0
Narromine	710000393	Mains	Town Reticulation Gravity Sewer Mains	1980	14.3	150	Exclude	Pre 1989 asset	\$1,638	0.0%	\$0
Narromine	720000539	Mains	Town Reticulation Gravity Sewer Mains	1980	79.4	150	Exclude	Pre 1989 asset	\$16,240	0.0%	\$0
Narromine	720000540	Mains	Town Reticulation Gravity Sewer Mains	1980	56.7	150	Exclude	Pre 1989 asset	\$11,597	0.0%	\$0
Narromine	720000544	Mains	Town Reticulation Gravity Sewer Mains	1980	36.5	150	Exclude	Pre 1989 asset	\$7,465	0.0%	\$0
Narromine	720000541	Mains	Town Reticulation Gravity Sewer Mains	1980	82.6	150	Exclude	Pre 1989 asset	\$16,894	0.0%	\$0
Narromine	720000545	Mains	Town Reticulation Gravity Sewer Mains	1980	19.8	150	Exclude	Pre 1989 asset	\$4,050	0.0%	\$0
Narromine	720000542	Mains	Town Reticulation Gravity Sewer Mains	1980	40.3	150	Exclude	Pre 1989 asset	\$8,242	0.0%	\$0
Narromine	720000543	Mains	Town Reticulation Gravity Sewer Mains	1980	40.3	150	Exclude	Pre 1989 asset	\$8,242	0.0%	\$0
Narromine	720000559	Mains	Town Reticulation Gravity Sewer Mains	1980	58.5	150	Exclude	Pre 1989 asset	\$11,965	0.0%	\$0
Narromine	720000560	Mains	Town Reticulation Gravity Sewer Mains	1980	84.7	150	Exclude	Pre 1989 asset	\$17,324	0.0%	\$0
Narromine	720000561	Mains	Town Reticulation Gravity Sewer Mains	1980	85.8	150	Exclude	Pre 1989 asset	\$17,549	0.0%	\$0
Narromine	720000564	Mains	Town Reticulation Gravity Sewer Mains	1980	21.5	150	Exclude	Pre 1989 asset	\$4,397	0.0%	\$0
Narromine	720000567	Mains	Town Reticulation Gravity Sewer Mains	1980	80.3	150	Exclude	Pre 1989 asset	\$16,424	0.0%	\$0
Narromine	720000568	Mains	Town Reticulation Gravity Sewer Mains	1980	22.0	150	Exclude	Pre 1989 asset	\$4,500	0.0%	\$0

## Existing Assets - Sewerage

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Dia (mm)					
Narromine	720000562	Mains	Town Reticulation Gravity Sewer Mains	1980	83.5	150	Exclude	Pre 1989 asset	\$17,078	0.0%	\$0
Narromine	720000563	Mains	Town Reticulation Gravity Sewer Mains	1980	19.3	150	Exclude	Pre 1989 asset	\$3,947	0.0%	\$0
Narromine	720000565	Mains	Town Reticulation Gravity Sewer Mains	1980	48.3	150	Exclude	Pre 1989 asset	\$9,879	0.0%	\$0
Narromine	720000566	Mains	Town Reticulation Gravity Sewer Mains	1980	32.0	150	Exclude	Pre 1989 asset	\$6,545	0.0%	\$0
Narromine	720000530	Mains	Town Reticulation Gravity Sewer Mains	1980	38.7	150	Exclude	Pre 1989 asset	\$7,915	0.0%	\$0
Narromine	720000569	Mains	Town Reticulation Gravity Sewer Mains	1980	48.4	150	Exclude	Pre 1989 asset	\$9,899	0.0%	\$0
Narromine	720000570	Mains	Town Reticulation Gravity Sewer Mains	1980	35.4	150	Exclude	Pre 1989 asset	\$7,240	0.0%	\$0
Narromine	720000639	Mains	Town Reticulation Gravity Sewer Mains	1980	4.0	150	Exclude	Pre 1989 asset	\$818	0.0%	\$0
Narromine	720000686	Mains	Town Reticulation Gravity Sewer Mains	1980	1.2	150	Exclude	Pre 1989 asset	\$245	0.0%	\$0
Narromine	720000529	Mains	Town Reticulation Gravity Sewer Mains	1980	31.5	150	Exclude	Pre 1989 asset	\$6,443	0.0%	\$0
Narromine	720000573	Mains	Town Reticulation Gravity Sewer Mains	1980	49.9	150	Exclude	Pre 1989 asset	\$10,206	0.0%	\$0
Narromine	720000581	Mains	Town Reticulation Gravity Sewer Mains	1980	66.5	150	Exclude	Pre 1989 asset	\$13,601	0.0%	\$0
Narromine	720000531	Mains	Town Reticulation Gravity Sewer Mains	1980	26.8	150	Exclude	Pre 1989 asset	\$5,481	0.0%	\$0
Narromine	720000584	Mains	Town Reticulation Gravity Sewer Mains	1980	78.3	150	Exclude	Pre 1989 asset	\$16,015	0.0%	\$0
Narromine	720000587	Mains	Town Reticulation Gravity Sewer Mains	1980	89.6	150	Exclude	Pre 1989 asset	\$18,326	0.0%	\$0
Narromine	720000590	Mains	Town Reticulation Gravity Sewer Mains	1980	79.7	150	Exclude	Pre 1989 asset	\$16,301	0.0%	\$0
Narromine	720000582	Mains	Town Reticulation Gravity Sewer Mains	1980	87.8	150	Exclude	Pre 1989 asset	\$17,958	0.0%	\$0
Narromine	720000532	Mains	Town Reticulation Gravity Sewer Mains	1980	29.6	150	Exclude	Pre 1989 asset	\$6,054	0.0%	\$0
Narromine	720000583	Mains	Town Reticulation Gravity Sewer Mains	1980	65.5	150	Exclude	Pre 1989 asset	\$13,397	0.0%	\$0
Narromine	720000585	Mains	Town Reticulation Gravity Sewer Mains	1980	42.6	150	Exclude	Pre 1989 asset	\$8,713	0.0%	\$0
Narromine	720000586	Mains	Town Reticulation Gravity Sewer Mains	1980	67.5	150	Exclude	Pre 1989 asset	\$13,806	0.0%	\$0
Narromine	720000588	Mains	Town Reticulation Gravity Sewer Mains	1980	79.2	150	Exclude	Pre 1989 asset	\$16,199	0.0%	\$0
Narromine	720000589	Mains	Town Reticulation Gravity Sewer Mains	1980	25.7	150	Exclude	Pre 1989 asset	\$5,256	0.0%	\$0
Narromine	720000591	Mains	Town Reticulation Gravity Sewer Mains	1980	60.9	150	Exclude	Pre 1989 asset	\$12,456	0.0%	\$0
Narromine	720000592	Mains	Town Reticulation Gravity Sewer Mains	1980	75.0	150	Exclude	Pre 1989 asset	\$15,340	0.0%	\$0
Narromine	720000593	Mains	Town Reticulation Gravity Sewer Mains	1980	26.3	150	Exclude	Pre 1989 asset	\$5,379	0.0%	\$0
Narromine	720000625	Mains	Town Reticulation Gravity Sewer Mains	1980	46.9	150	Exclude	Pre 1989 asset	\$9,592	0.0%	\$0
Narromine	720000598	Mains	Town Reticulation Gravity Sewer Mains	1980	50.8	150	Exclude	Pre 1989 asset	\$10,390	0.0%	\$0
Narromine	720000601	Mains	Town Reticulation Gravity Sewer Mains	1980	70.8	150	Exclude	Pre 1989 asset	\$14,481	0.0%	\$0
Narromine	720000603	Mains	Town Reticulation Gravity Sewer Mains	1980	82.4	150	Exclude	Pre 1989 asset	\$16,853	0.0%	\$0
Narromine	720000605	Mains	Town Reticulation Gravity Sewer Mains	1980	71.7	150	Exclude	Pre 1989 asset	\$14,665	0.0%	\$0
Narromine	720000626	Mains	Town Reticulation Gravity Sewer Mains	1980	28.7	150	Exclude	Pre 1989 asset	\$5,870	0.0%	\$0
Narromine	720000627	Mains	Town Reticulation Gravity Sewer Mains	1980	55.5	150	Exclude	Pre 1989 asset	\$11,351	0.0%	\$0
Narromine	720000628	Mains	Town Reticulation Gravity Sewer Mains	1980	40.6	150	Exclude	Pre 1989 asset	\$8,304	0.0%	\$0
Narromine	720000629	Mains	Town Reticulation Gravity Sewer Mains	1980	79.0	150	Exclude	Pre 1989 asset	\$16,158	0.0%	\$0
Narromine	720000546	Mains	Town Reticulation Gravity Sewer Mains	1980	5.9	225	Exclude	Pre 1989 asset	\$1,484	0.0%	\$0
Narromine	720000547	Mains	Town Reticulation Gravity Sewer Mains	1980	76.3	225	Exclude	Pre 1989 asset	\$19,191	0.0%	\$0
Narromine	720000548	Mains	Town Reticulation Gravity Sewer Mains	1980	34.5	225	Exclude	Pre 1989 asset	\$8,677	0.0%	\$0
Narromine	720000549	Mains	Town Reticulation Gravity Sewer Mains	1980	87.5	225	Exclude	Pre 1989 asset	\$22,008	0.0%	\$0
Narromine	720000550	Mains	Town Reticulation Gravity Sewer Mains	1980	38.7	225	Exclude	Pre 1989 asset	\$9,734	0.0%	\$0
Narromine	720000551	Mains	Town Reticulation Gravity Sewer Mains	1980	80.1	225	Exclude	Pre 1989 asset	\$20,147	0.0%	\$0
Narromine	720000552	Mains	Town Reticulation Gravity Sewer Mains	1980	62.5	225	Exclude	Pre 1989 asset	\$15,720	0.0%	\$0
Narromine	720000553	Mains	Town Reticulation Gravity Sewer Mains	1980	88.2	225	Exclude	Pre 1989 asset	\$22,184	0.0%	\$0
Narromine	720000554	Mains	Town Reticulation Gravity Sewer Mains	1980	108.8	225	Exclude	Pre 1989 asset	\$27,365	0.0%	\$0
Narromine	720000555	Mains	Town Reticulation Gravity Sewer Mains	1980	80.2	225	Exclude	Pre 1989 asset	\$20,172	0.0%	\$0
Narromine	720000556	Mains	Town Reticulation Gravity Sewer Mains	1980	45.2	225	Exclude	Pre 1989 asset	\$11,369	0.0%	\$0
Narromine	720000557	Mains	Town Reticulation Gravity Sewer Mains	1980	30.7	225	Exclude	Pre 1989 asset	\$7,722	0.0%	\$0
Narromine	720000594	Mains	Town Reticulation Rising Sewer Main 1	1980	1199.4	225	Exclude	Pre 1989 asset	\$183,076	0.0%	\$0
Narromine	720000606	Mains	Town Reticulation Gravity Sewer Mains	1980	4.8	225	Exclude	Pre 1989 asset	\$1,207	0.0%	\$0
Narromine	720000607	Mains	Town Reticulation Gravity Sewer Mains	1980	5.7	225	Exclude	Pre 1989 asset	\$1,434	0.0%	\$0
Narromine	720000608	Mains	Town Reticulation Gravity Sewer Mains	1980	44.8	225	Exclude	Pre 1989 asset	\$11,268	0.0%	\$0
Narromine	720000609	Mains	Town Reticulation Gravity Sewer Mains	1980	82.6	225	Exclude	Pre 1989 asset	\$20,776	0.0%	\$0
Narromine	720000610	Mains	Town Reticulation Gravity Sewer Mains	1980	53.5	225	Exclude	Pre 1989 asset	\$13,456	0.0%	\$0
Narromine	720000611	Mains	Town Reticulation Gravity Sewer Mains	1980	83.4	225	Exclude	Pre 1989 asset	\$20,977	0.0%	\$0
Narromine	720000612	Mains	Town Reticulation Gravity Sewer Mains	1980	52.9	225	Exclude	Pre 1989 asset	\$13,305	0.0%	\$0
Narromine	720000613	Mains	Town Reticulation Gravity Sewer Mains	1980	84.8	225	Exclude	Pre 1989 asset	\$21,329	0.0%	\$0
Narromine	720000614	Mains	Town Reticulation Gravity Sewer Mains	1980	56.6	225	Exclude	Pre 1989 asset	\$14,236	0.0%	\$0
Narromine	720000615	Mains	Town Reticulation Gravity Sewer Mains	1980	100.4	225	Exclude	Pre 1989 asset	\$25,253	0.0%	\$0
Narromine	720000616	Mains	Town Reticulation Gravity Sewer Mains	1980	113.0	225	Exclude	Pre 1989 asset	\$28,422	0.0%	\$0
Narromine	720000617	Mains	Town Reticulation Gravity Sewer Mains	1980	84.2	225	Exclude	Pre 1989 asset	\$21,178	0.0%	\$0
Narromine	720000618	Mains	Town Reticulation Gravity Sewer Mains	1980	56.7	225	Exclude	Pre 1989 asset	\$14,261	0.0%	\$0
Narromine	720000619	Mains	Town Reticulation Gravity Sewer Mains	1980	86.3	225	Exclude	Pre 1989 asset	\$21,706	0.0%	\$0
Narromine	720000620	Mains	Town Reticulation Gravity Sewer Mains	1980	38.0	225	Exclude	Pre 1989 asset	\$9,558	0.0%	\$0
Narromine	720000621	Mains	Town Reticulation Gravity Sewer Mains	1980	48.2	225	Exclude	Pre 1989 asset	\$12,123	0.0%	\$0
Narromine	720000622	Mains	Town Reticulation Gravity Sewer Mains	1980	62.3	225	Exclude	Pre 1989 asset	\$15,670	0.0%	\$0
Narromine	720000623	Mains	Town Reticulation Gravity Sewer Mains	1980	84.3	225	Exclude	Pre 1989 asset	\$21,203	0.0%	\$0
Narromine	720000624	Mains	Town Reticulation Gravity Sewer Mains	1980	52.7	225	Exclude	Pre 1989 asset	\$13,255	0.0%	\$0
Narromine	720000513	Mains	Town Reticulation Gravity Sewer Mains	1980	53.8	300	Exclude	Pre 1989 asset	\$18,910	0.0%	\$0
Narromine	720000574	Mains	Town Reticulation Gravity Sewer Mains	1980	4.3	300	Exclude	Pre 1989 asset	\$1,511	0.0%	\$0
Narromine	720000514	Mains	Town Reticulation Gravity Sewer Mains	1980	85.0	300	Exclude	Pre 1989 asset	\$29,876	0.0%	\$0
Narromine	720000515	Mains	Town Reticulation Gravity Sewer Mains	1980	54.0	300	Exclude	Pre 1989 asset	\$18,980	0.0%	\$0
Narromine	720000516	Mains	Town Reticulation Gravity Sewer Mains	1980	86.9	300	Exclude	Pre 1989 asset	\$30,544	0.0%	\$0
Narromine	720000517	Mains	Town Reticulation Gravity Sewer Mains	1980	111.0	300	Exclude	Pre 1989 asset	\$39,014	0.0%	\$0
Narromine	720000575	Mains	Town Reticulation Gravity Sewer Mains	1980	80.7	300	Exclude	Pre 1989 asset	\$28,364	0.0%	\$0
Narromine	720000576	Mains	Town Reticulation Gravity Sewer Mains	1980	83.1	300	Exclude	Pre 1989 asset	\$29,208	0.0%	\$0
Narromine	720000577	Mains	Town Reticulation Gravity Sewer Mains	1980	107.9	300	Exclude	Pre 1989 asset	\$37,925	0.0%	\$0
Narromine	720000578	Mains	Town Reticulation Gravity Sewer Mains	1980	121.0	300	Exclude	Pre 1989 asset	\$42,529	0.0%	\$0
Narromine	720000579	Mains	Town Reticulation Gravity Sewer Mains	1980	113.2	300	Exclude	Pre 1989 asset	\$39,788	0.0%	\$0

## Existing Assets - Sewerage

Asset Service Area(s)	Asset No.	Asset Type	Asset Details	Commissioning Date	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
					Length (m)	Dia (mm)					
Narromine	720000580	Mains	Town Reticulation Gravity Sewer Mains	1980	111.8	300	Exclude	Pre 1989 asset	\$39,295	0.0%	\$0
Narromine	710000224	Mains	Town Reticulation Gravity Sewer Mains	1986	45.3	150	Exclude	Pre 1989 asset	\$9,265	0.0%	\$0
Narromine	710000275	Mains	Town Reticulation Gravity Sewer Mains	1986	90.1	150	Exclude	Pre 1989 asset	\$18,428	0.0%	\$0
Narromine	710000276	Mains	Town Reticulation Gravity Sewer Mains	1986	102.6	150	Exclude	Pre 1989 asset	\$20,985	0.0%	\$0
Narromine	710000277	Mains	Town Reticulation Gravity Sewer Mains	1986	102.0	150	Exclude	Pre 1989 asset	\$20,862	0.0%	\$0
Narromine	710000278	Mains	Town Reticulation Gravity Sewer Mains	1986	103.8	150	Exclude	Pre 1989 asset	\$11,864	0.0%	\$0
Narromine	710000279	Mains	Town Reticulation Gravity Sewer Mains	1986	102.4	150	Exclude	Pre 1989 asset	\$11,704	0.0%	\$0
Narromine	710000098	Mains	Town Reticulation Gravity Sewer Mains	1986	71.3	150	Exclude	Pre 1989 asset	\$23,379	0.0%	\$0
Narromine	710000099	Mains	Town Reticulation Gravity Sewer Mains	1986	62.6	150	Exclude	Pre 1989 asset	\$12,793	0.0%	\$0
Narromine	710000100	Mains	Town Reticulation Gravity Sewer Mains	1986	50.9	150	Exclude	Pre 1989 asset	\$10,400	0.0%	\$0
Narromine	710000101	Mains	Town Reticulation Gravity Sewer Mains	1986	72.8	150	Exclude	Pre 1989 asset	\$14,890	0.0%	\$0
Narromine	710000102	Mains	Town Reticulation Gravity Sewer Mains	1986	73.0	150	Exclude	Pre 1989 asset	\$14,931	0.0%	\$0
Narromine	710000103	Mains	Town Reticulation Gravity Sewer Mains	1986	48.3	150	Exclude	Pre 1989 asset	\$9,879	0.0%	\$0
Narromine	710000104	Mains	Town Reticulation Gravity Sewer Mains	1986	47.0	150	Exclude	Pre 1989 asset	\$5,372	0.0%	\$0
Narromine	710000291	Mains	Town Reticulation Gravity Sewer Mains	1986	22.0	150	Exclude	Pre 1989 asset	\$2,515	0.0%	\$0
Narromine	710000292	Mains	Town Reticulation Gravity Sewer Mains	1986	58.0	150	Exclude	Pre 1989 asset	\$6,629	0.0%	\$0
Narromine	710000293	Mains	Town Reticulation Gravity Sewer Mains	1986	42.0	150	Exclude	Pre 1989 asset	\$4,801	0.0%	\$0
Narromine	710000494	Mains	Town Reticulation Gravity Sewer Mains	1989	39.0	150	Exclude	Reticulation Asset	\$4,458	0.0%	\$0
Narromine	710000499	Mains	Town Reticulation Gravity Sewer Mains	1989	40.8	150	Exclude	Reticulation Asset	\$8,345	0.0%	\$0
Narromine	710000495	Mains	Town Reticulation Gravity Sewer Mains	1989	62.0	150	Exclude	Reticulation Asset	\$12,681	0.0%	\$0
Narromine	710000500	Mains	Town Reticulation Gravity Sewer Mains	1989	35.2	150	Exclude	Reticulation Asset	\$4,023	0.0%	\$0
Narromine	710000501	Mains	Town Reticulation Gravity Sewer Mains	1989	29.9	150	Exclude	Reticulation Asset	\$6,117	0.0%	\$0
Narromine	710000502	Mains	Town Reticulation Gravity Sewer Mains	1989	88.0	150	Exclude	Reticulation Asset	\$10,058	0.0%	\$0
Narromine	710000503	Mains	Town Reticulation Gravity Sewer Mains	1989	6.7	150	Exclude	Reticulation Asset	\$766	0.0%	\$0
Narromine	710000319	Mains	Town Reticulation Gravity Sewer Mains	1989	40.8	150	Exclude	Reticulation Asset	\$4,658	0.0%	\$0
Narromine	710000320	Mains	Town Reticulation Gravity Sewer Mains	1989	27.0	150	Exclude	Reticulation Asset	\$3,086	0.0%	\$0
Narromine	710000321	Mains	Town Reticulation Gravity Sewer Mains	1989	35.8	150	Exclude	Reticulation Asset	\$4,092	0.0%	\$0
Narromine	710000322	Mains	Town Reticulation Gravity Sewer Mains	1989	25.1	150	Exclude	Reticulation Asset	\$2,869	0.0%	\$0
Narromine	710000323	Mains	Town Reticulation Gravity Sewer Mains	1989	83.4	150	Exclude	Reticulation Asset	\$9,529	0.0%	\$0
Narromine	710000324	Mains	Town Reticulation Gravity Sewer Mains	1989	91.0	150	Exclude	Reticulation Asset	\$10,401	0.0%	\$0
Narromine	710000325	Mains	Town Reticulation Gravity Sewer Mains	1989	40.8	150	Exclude	Reticulation Asset	\$4,663	0.0%	\$0
Narromine	710000326	Mains	Town Reticulation Gravity Sewer Mains	1989	33.0	150	Exclude	Reticulation Asset	\$3,772	0.0%	\$0
Narromine	710000327	Mains	Town Reticulation Gravity Sewer Mains	1989	33.0	150	Exclude	Reticulation Asset	\$3,772	0.0%	\$0
Narromine	710000328	Mains	Town Reticulation Gravity Sewer Mains	1989	32.6	150	Exclude	Reticulation Asset	\$3,726	0.0%	\$0
Narromine	710000329	Mains	Town Reticulation Gravity Sewer Mains	1989	25.3	150	Exclude	Reticulation Asset	\$2,886	0.0%	\$0
Narromine	710000411	Mains	Town Reticulation Gravity Sewer Mains	1989	54.5	150	Exclude	Reticulation Asset	\$11,147	0.0%	\$0
Narromine	710000412	Mains	Town Reticulation Gravity Sewer Mains	1989	69.0	150	Exclude	Reticulation Asset	\$14,112	0.0%	\$0
Narromine	710000413	Mains	Town Reticulation Gravity Sewer Mains	1989	35.8	150	Exclude	Reticulation Asset	\$7,322	0.0%	\$0
Narromine	710000414	Mains	Town Reticulation Gravity Sewer Mains	1989	49.5	150	Exclude	Reticulation Asset	\$10,124	0.0%	\$0
Narromine	710000415	Mains	Town Reticulation Gravity Sewer Mains	1989	32.4	150	Exclude	Reticulation Asset	\$6,627	0.0%	\$0
Narromine	710000416	Mains	Town Reticulation Gravity Sewer Mains	1989	54.0	150	Exclude	Reticulation Asset	\$11,045	0.0%	\$0
Narromine	710000504	Mains	Town Reticulation Gravity Sewer Mains	1989	2.2	150	Exclude	Reticulation Asset	\$450	0.0%	\$0
Narromine	710000105	Mains	Town Reticulation Gravity Sewer Mains	1989	44.0	150	Exclude	Reticulation Asset	\$8,999	0.0%	\$0
Narromine	710000511	Mains	Town Reticulation Rising Sewer Main 7	1993	44.5	150	Exclude	Reticulation Asset	\$4,806	0.0%	\$0
Narromine	710000397	Mains	Town Reticulation Gravity Sewer Mains	1996	91.4	150	Exclude	Reticulation Asset	\$18,690	0.0%	\$0
Narromine	710000398	Mains	Town Reticulation Gravity Sewer Mains	1996	74.0	150	Exclude	Reticulation Asset	\$15,133	0.0%	\$0
Narromine	710000399	Mains	Town Reticulation Gravity Sewer Mains	1996	80.0	150	Exclude	Reticulation Asset	\$9,146	0.0%	\$0
Narromine	710000400	Mains	Town Reticulation Gravity Sewer Mains	1996	25.4	150	Exclude	Reticulation Asset	\$2,903	0.0%	\$0
Narromine	710000401	Mains	Town Reticulation Gravity Sewer Mains	1996	30.4	150	Exclude	Reticulation Asset	\$3,475	0.0%	\$0
Narromine	710000506	Mains	Town Reticulation Gravity Sewer Mains	1996	75.5	200	Include	Trunk Asset, Post 1989	\$17,096	7.2%	\$1,234
Narromine	710000407	Mains	Town Reticulation Gravity Sewer Mains	1998	42.0	150	Exclude	Reticulation Asset	\$8,590	0.0%	\$0
Narromine	710000408	Mains	Town Reticulation Gravity Sewer Mains	1998	52.3	150	Exclude	Reticulation Asset	\$10,697	0.0%	\$0
Narromine	710000409	Mains	Town Reticulation Gravity Sewer Mains	1998	52.2	150	Exclude	Reticulation Asset	\$5,966	0.0%	\$0
Narromine	710000410	Mains	Town Reticulation Gravity Sewer Mains	1998	88.0	150	Exclude	Reticulation Asset	\$17,998	0.0%	\$0
Narromine	710000507	Mains	Town Reticulation Gravity Sewer Mains	1998	72.5	200	Include	Trunk Asset, Post 1989	\$8,352	7.2%	\$603
Narromine	710000509	Mains	Town Reticulation Gravity Sewer Mains	1998	56.0	200	Include	Trunk Asset, Post 1989	\$12,681	7.2%	\$915
Narromine	710000510	Mains	Town Reticulation Gravity Sewer Mains	1998	45.0	200	Include	Trunk Asset, Post 1989	\$5,184	7.2%	\$374
Narromine	710000508	Mains	Town Reticulation Gravity Sewer Mains	1998	20.5	200	Include	Trunk Asset, Post 1989	\$4,642	7.2%	\$335

# 16 Future Capital Works Program

**Future Water Supply Assets**  
Capital Works 10 year plan 18-19.3.xlsx, provided by NSC

		CATEGORY													
Asset Service Area(s)	Asset Purpose	Asset Type	New Asset	Renewal	Improved LOS	Year	Year	Cost Estimate	Include in DSP	Justification	Recoverable Proportion	Recoverable Cost			
Narramine	SyPark water connection to mains only	Watermain	100%	0%	0%	2019/20	2020	\$ 10,000	Include	New works within 10 years	7.2%	\$722			
Narramine	Hanger Development water connection	Watermain	100%	0%	0%	2019/20	2020	\$ 12,000	Include	New works within 10 years	7.2%	\$866			
Narramine	Dappo Rd Development water connection	Watermain	100%	0%	0%	2020/21	2021	\$ 12,000	Include	New works within 10 years	7.2%	\$866			
Narramine	Backflow Prevention Devices	Backflow	0%	0%	100%	2020/21	2021	\$ 33,114	Exclude	Asset is for improved LOS	0.0%	\$0			
Narramine	Backflow Prevention Devices	Backflow	0%	0%	100%	2022/23	2023	\$ 34,791	Exclude	Asset is for improved LOS	0.0%	\$0			
Narramine	Duffy St Reservoir Rehabilitation	Reservoir	0%	100%	0%	2019/20	2020	\$ 750,000	Include	Renewal, existing asset older than 30 years	7.2%	\$54,127			
Narramine	Minor Capital Works	Undefined	0%	0%	100%	2019/20	2020	\$ 16,153	Exclude	Reticulation	0.0%	\$0			
Narramine	Minor Capital Works	Undefined	0%	0%	100%	2020/21	2021	\$ 16,557	Exclude	Reticulation	0.0%	\$0			
Narramine	Minor Capital Works	Undefined	100%	0%	0%	2021/22	2022	\$ 16,971	Exclude	Reticulation	7.2%	\$0			
Narramine	Minor Capital Works	Undefined	0%	0%	100%	2022/23	2023	\$ 17,395	Exclude	Reticulation	0.0%	\$0			
Narramine	Valve Replacement	Valve	0%	100%	0%	2019/20	2020	\$ 16,153	Exclude	Reticulation	7.2%	\$0			
Narramine	Valve Replacement	Valve	0%	100%	0%	2020/21	2021	\$ 16,557	Exclude	Reticulation	7.2%	\$0			
Narramine	Valve Replacement	Valve	0%	100%	0%	2021/22	2022	\$ 16,971	Exclude	Reticulation	7.2%	\$0			
Narramine	Valve Replacement	Valve	0%	100%	0%	2022/23	2023	\$ 17,395	Exclude	Reticulation	7.2%	\$0			
Narramine	Water mains replacement/ rehabilitation	Watermain (renewal)	0%	100%	0%	2019/20	2020	\$ 150,765	Exclude	Reticulation	7.2%	\$0			
Narramine	Water mains replacement/ rehabilitation	Watermain (renewal)	0%	100%	0%	2020/21	2021	\$ 154,534	Exclude	Reticulation	7.2%	\$0			
Narramine	Water mains replacement/ rehabilitation	Watermain (renewal)	0%	100%	0%	2021/22	2022	\$ 158,397	Exclude	Reticulation	7.2%	\$0			
Narramine	Water mains replacement/ rehabilitation	Watermain (renewal)	0%	100%	0%	2022/23	2023	\$ 162,357	Exclude	Reticulation	7.2%	\$0			
Narramine	Pumps replacement/ rehabilitator	Pump	0%	100%	0%	2019/20	2020	\$ 21,538	Exclude	Renewal, existing asset assumed to be less than 30 year	7.2%	\$0			
Narramine	Pumps replacement/ rehabilitator	Pump	0%	0%	100%	2020/21	2021	\$ 22,076	Exclude	Renewal, existing asset assumed to be less than 30 year	0.0%	\$0			
Narramine	Pumps replacement/ rehabilitator	Pump	0%	0%	100%	2021/22	2022	\$ 22,628	Exclude	Renewal, existing asset assumed to be less than 30 year	0.0%	\$0			
Narramine	Pumps replacement/ rehabilitator	Pump	0%	100%	0%	2022/23	2023	\$ 23,194	Exclude	Renewal, existing asset assumed to be less than 30 year	7.2%	\$0			
Narramine	Replace House Services	Service Line	0%	0%	100%	2019/20	2020	\$ 26,922	Exclude	Reticulation	0.0%	\$0			
Narramine	Replace House Services	Service Line	0%	0%	100%	2020/21	2021	\$ 27,595	Exclude	Reticulation	0.0%	\$0			
Narramine	Replace House Services	Service Line	0%	0%	100%	2021/22	2022	\$ 28,285	Exclude	Reticulation	0.0%	\$0			
Narramine	Replace House Services	Service Line	0%	100%	0%	2022/23	2023	\$ 28,992	Exclude	Reticulation	7.2%	\$0			
Narramine	Telemetry Upgrade	Telemetry	0%	0%	100%	2020/21	2021	\$ 100,000	Exclude	Asset is for improved LOS	0.0%	\$0			
Narramine	Water Meter Replacement Program	Water Meter	0%	0%	100%	2019/20	2020	\$ 21,538	Exclude	Reticulation	0.0%	\$0			
Narramine	Water Meter Replacement Program	Water Meter	0%	0%	100%	2020/21	2021	\$ 22,076	Exclude	Reticulation	0.0%	\$0			
Narramine	Water Meter Replacement Program	Water Meter	0%	0%	100%	2021/22	2022	\$ 22,628	Exclude	Reticulation	0.0%	\$0			
Narramine	Water Meter Replacement Program	Water Meter	0%	0%	100%	2022/23	2023	\$ 23,194	Exclude	Reticulation	0.0%	\$0			
Narramine	Redevelopment of Bores	Bores (renewal)	0%	100%	0%	2019/20	2020	\$ 360,000	Exclude	Renewals, existing assets assumed to be less than 30 year	7.2%	\$0			
Narramine	Redundant Bore Remediation	Bores (LOS)	0%	0%	100%	2019/20	2020	\$ 84,000	Exclude	Asset is for improved LOS	0.0%	\$0			
Narramine	Highlift Backup Generator	Generator	0%	0%	100%	2019/20	2020	\$ 68,000	Exclude	Asset is for improved LOS	0.0%	\$0			
Narramine	7.5 ML/d new water treatment plant	Water Treatment Plant	100%	0%	0%	2021/22	2022	\$ 13,700,000	Include	New works within 10 years	7.2%	\$988,725			
Narramine	5 ML town reservoir	Reservoir	100%	0%	0%	2021/22	2022	\$ 3,000,000	Include	New works within 10 years	7.2%	\$216,509			
Narramine	Two trunk mains associated with the new WTP and the reservoir	Trunkmains	100%	0%	0%	2021/22	2022	\$900,000	Include	New works within 10 years	7.2%	\$64,953			



**Future Assets - Sewerage**

Capital Works 10 year plan 18-19.3.xlsx, provided by NSC

Asset Service Area(s)	Asset Purpose	Asset Details	CATEGORY			Year		Cost Estimate	Include in DSP?	Recoverable Proportion	Recoverable Cost	Justification
			New Growth Works	Renewal	Improved LOS							
Narromine		CCTV investigations	0.0%	0.0%	100.0%	2020/21	2021	\$ 220,763	Exclude	0.0%	\$0	Maintenance Item
Narromine		Minor Capital Works	0.0%	100.0%	0.0%	2019/20	2020	\$ 21,538	Exclude	7.2%	\$0	Reticulation
Narromine		Minor Capital Works	0.0%	100.0%	0.0%	2020/21	2021	\$ 22,076	Exclude	7.2%	\$0	Reticulation
Narromine		Minor Capital Works	0.0%	100.0%	0.0%	2021/22	2022	\$ 22,628	Exclude	7.2%	\$0	Reticulation
Narromine		Minor Capital Works	0.0%	100.0%	0.0%	2022/23	2023	\$ 23,194	Exclude	7.2%	\$0	Reticulation
Narromine		Narromine - Resurfacing/Relining of Manholes	0.0%	100.0%	0.0%	2021/22	2022	\$ 226,282	Exclude	7.2%	\$0	Reticulation
Narromine		Rags/Filters and Wet Well Washers	0.0%	100.0%	0.0%	2019/20	2020	\$ 26,922	Exclude	7.2%	\$0	Reticulation
Narromine		Rags/Filters and Wet Well Washers	0.0%	100.0%	0.0%	2020/21	2021	\$ 27,595	Exclude	7.2%	\$0	Reticulation
Narromine		Rags/Filters and Wet Well Washers	0.0%	100.0%	0.0%	2021/22	2022	\$ 28,285	Exclude	7.2%	\$0	Reticulation
Narromine		Rags/Filters and Wet Well Washers	0.0%	100.0%	0.0%	2022/23	2023	\$ 28,992	Exclude	7.2%	\$0	Reticulation
Narromine		Sewer mains replacement/ rehabilitation	0.0%	100.0%	0.0%	2019/20	2020	\$ 215,378	Exclude	7.2%	\$0	Reticulation
Narromine		Sewer mains replacement/ rehabilitation	0.0%	0.0%	0.0%	2020/21	2021	\$ 772,669	Exclude	0.0%	\$0	Reticulation
Narromine		Telemetry upgrade (Narromine and Trangie)	0.0%	0.0%	100.0%	2019/20	2020	\$ 100,000	Exclude	0.0%	\$0	Asset is for improved LOS
Narromine		Pump Replacements - Narromine	0.0%	0.0%	0.0%	2019/20	2020	\$ 53,845	Exclude	0.0%	\$0	Renewal, existing asset assumed to be less than 30 years
Narromine		Pump Replacements - Narromine	0.0%	0.0%	0.0%	2020/21	2021	\$ 55,191	Exclude	0.0%	\$0	Renewal, existing asset assumed to be less than 30 years
Narromine		Pump Replacements - Narromine	0.0%	0.0%	0.0%	2021/22	2022	\$ 56,570	Exclude	0.0%	\$0	Renewal, existing asset assumed to be less than 30 years
Narromine		Pump Replacements - Narromine	0.0%	0.0%	0.0%	2022/23	2023	\$ 57,985	Exclude	0.0%	\$0	Renewal, existing asset assumed to be less than 30 years
Narromine		Pump Stations Upgrades/Relining - Narromine	100.0%	0.0%	0.0%	2022/23	2023	\$ 173,954	Exclude	7.2%	\$0	Renewal, existing asset assumed to be less than 30 years
Narromine		SkyPark sewer pump station	100.0%	0.0%	0.0%	2019/20	2020	\$ 200,000	Include	7.2%	\$14,434	New asset required within next 10 years
Narromine		Hanger Development sewer pump station	100.0%	0.0%	0.0%	2019/20	2020	\$ 250,000	Include	7.2%	\$18,042	New asset required within next 10 years
Narromine		Dappo Rd Development sewer pump station	100.0%	0.0%	0.0%	2020/21	2021	\$ 200,000	Include	7.2%	\$14,434	New asset required within next 10 years

## 17 Calculation of the Capital Charge

**Capital Charge Calculation - Water Supply**

Year of Calculation

2018/19

Assumptions:

DISCOUNT RATE (pa) FOR ASSETS CONSTRUCTED BEFORE 1 JANUARY 1996 :  
DISCOUNT RATE (pa) FOR ASSETS CONSTRUCTED ON OR AFTER 1 JANUARY 1996 :  
DISCOUNT RATE (pa) FOR PROPOSED FUTURE ASSETS :

3%  
5%  
5%

Year	Narromine	
	Recoupable Capital Expenditure (MEERA \$)	Annual ET Take-up (ET)
Pre 1996	2,396	
1995/96	2,935	0
1996/97	0	0
1997/98	14,543	0
1998/99	0	0
1999/00	0	0
2000/01	0	0
2001/02	0	0
2002/03	0	0
2003/04	0	0
2004/05	0	0
2005/06	10,509	0
2006/07	18,545	0
2007/08	19,607	0
2008/09	18,920	0
2009/10	20,079	0
2010/11	18,133	0
2011/12	1,873	0
2012/13	0	0
2013/14	0	0
2014/15	3,753	0
2015/16	66,097	0
2016/17	0	0
2017/18	18,042	0
2018/19	0	0
2019/20	55,715	9
2020/21	866	9
2021/22	1,270,186	9
2022/23	0	9
2023/24	0	9
2024/25	0	9
2025/26	0	9
2026/27	0	9
2027/28	0	9
2028/29	0	9
2029/30	0	9
2030/31	0	9
2031/32	0	9
2032/33	0	9
2033/34	0	9
2034/35	0	9
2035/36	0	9
2036/37	0	9
2037/38	0	9
2038/39	0	9
2039/40	0	9
2040/41	0	9
2041/42	0	9
2042/43	0	9
2043/44	0	9
2044/45	0	9
2045/46	0	9
2046/47	0	9
2047/48	0	9
<b>NPV Capital Cost Pre 1996 Assets</b>	2,396	
<b>NPV Capital Cost Post 1996 Assets</b>	481,417	
<b>NPV ET Take up @ 3%</b>	89	
<b>NPV ET Take up @ 5%</b>	44.8	
<b>Capital Charge Pre 1996 Assets (\$/ET)</b>	27	
<b>Capital Charge Post 1996 Assets (\$/ET)</b>	10,735	
<b>Capital Charge (\$/ET)</b>	<b>10,762</b>	

**Capital Charge Calculation - Sewerage**

Year of Calculation

2018/19

Assumptions:

DISCOUNT RATE (pa) FOR ASSETS CONSTRUCTED BEFORE 1 JANUARY 1996 :  
DISCOUNT RATE (pa) FOR ASSETS CONSTRUCTED ON OR AFTER 1 JANUARY 1996 :  
DISCOUNT RATE (pa) FOR PROPOSED FUTURE ASSETS :

3%

5%

5%

Year	Narromine	
	Recoupable Capital Expenditure	Annual ET Take-up
	(MEERA \$)	(ET)
Pre 1996	0	
1995/96	33,034	0
1996/97	0	0
1997/98	18,153	0
1998/99	0	0
1999/00	0	0
2000/01	0	0
2001/02	0	0
2002/03	0	0
2003/04	0	0
2004/05	0	0
2005/06	0	0
2006/07	380,424	0
2007/08	0	0
2008/09	4,879	0
2009/10	10,578	0
2010/11	0	0
2011/12	14,810	0
2012/13	0	0
2013/14	0	0
2014/15	0	0
2015/16	0	0
2016/17	0	0
2017/18	0	0
2018/19	0	0
2019/20	32,476	4
2020/21	14,434	4
2021/22	0	4
2022/23	0	4
2023/24	0	4
2024/25	0	4
2025/26	0	4
2026/27	0	4
2027/28	0	4
2028/29	0	4
2029/30	0	4
2030/31	0	4
2031/32	0	4
2032/33	0	4
2033/34	0	4
2034/35	0	4
2035/36	0	4
2036/37	0	4
2037/38	0	4
2038/39	0	4
2039/40	0	4
2040/41	0	4
2041/42	0	4
2042/43	0	4
2043/44	0	4
2044/45	0	4
2045/46	0	4
2046/47	0	4
2047/48	0	4
<b>NPV Capital Cost Pre 1996 Assets</b>	0	
<b>NPV Capital Cost Post 1996 Assets</b>	300,972	
<b>NPV ET Take up @ 3%</b>	40	
<b>NPV ET Take up @ 5%</b>	20	
<b>Capital Charge Pre 1996 Assets (\$/ET)</b>	0	
<b>Capital Charge Post 1996 Assets (\$/ET)</b>	15,037	
<b>Capital Charge (\$/ET)</b>	15,037	

## 18 Calculation of the Reduction Amount

**Reduction Amount Calculation - Water Supply**

<b>Year of Calculation</b>	<b>2018/19</b>
DISCOUNT RATE (pa) FOR PROPOSED FUTURE ASSETS :	5%
ANNUAL WATER BILL:	\$589
ANNUAL WATER OMA COST:	\$371
NET INCOME:	\$218

*TRB and OMA cost are from TBL Water Supply Performance Report 2017-8*

Year	Total ETs	New ETs per Year	Cumulative New ETs	Net Income from New ETs (\$/ET)
2018/19	3,542			
2019/20	3,551	9	9	\$1,929
2020/21	3,560	9	18	\$3,864
2021/22	3,569	9	27	\$5,803
2022/23	3,578	9	36	\$7,747
2023/24	3,587	9	45	\$9,696
2024/25	3,596	9	53	\$11,649
2025/26	3,605	9	62	\$13,608
2026/27	3,614	9	71	\$15,572
2027/28	3,623	9	81	\$17,540
2028/29	3,632	9	90	\$19,513
2029/30	3,641	9	99	\$21,492
2030/31	3,650	9	108	\$23,475
2031/32	3,659	9	117	\$25,463
2032/33	3,668	9	126	\$27,456
2033/34	3,678	9	135	\$29,454
2034/35	3,687	9	144	\$31,457
2035/36	3,696	9	154	\$33,465
2036/37	3,705	9	163	\$35,478
2037/38	3,715	9	172	\$37,497
2038/39	3,724	9	181	\$39,520
2039/40	3,733	9	191	\$41,548
2040/41	3,742	9	200	\$43,581
2041/42	3,752	9	209	\$45,620
2042/43	3,761	9	219	\$47,663
2043/44	3,771	9	228	\$49,712
2044/45	3,780	9	238	\$51,766
2045/46	3,789	9	247	\$53,825
2046/47	3,799	9	257	\$55,889
2047/48	3,808	9	266	\$57,958
2048/49	3,818	10	276	\$60,032
<b>NPV new ETs</b>				147
<b>NPV net income from New ETs (\$/ET)</b>				\$380,629
<b>TOTAL NPV REDUCTION AMOUNT CHARGE per ET</b>				<b>\$2,590</b>

**Reduction Amount Calculation - Sewerage**

<b>Year of Calculation</b>	<b>2018/19</b>
DISCOUNT RATE (pa) FOR PROPOSED FUTURE ASSETS :	5%
ANNUAL SEWERAGE BILL:	\$600
ANNUAL SEWERAGE OMA COST:	\$400
NET INCOME:	\$200

*TRB and OMA costs are from TBL Sewerage Performance Report 2017-18*

Year	Total ETs	New ETs per Year	Cumulative New ETs	Net Income from New ETs (\$/ET)
2018/19	1,581			
2019/20	1,585	4	4	\$791
2020/21	1,589	4	8	\$1,584
2021/22	1,593	4	12	\$2,380
2022/23	1,597	4	16	\$3,177
2023/24	1,601	4	20	\$3,976
2024/25	1,605	4	24	\$4,777
2025/26	1,609	4	28	\$5,580
2026/27	1,613	4	32	\$6,385
2027/28	1,617	4	36	\$7,192
2028/29	1,621	4	40	\$8,002
2029/30	1,625	4	44	\$8,813
2030/31	1,629	4	48	\$9,626
2031/32	1,633	4	52	\$10,441
2032/33	1,637	4	56	\$11,259
2033/34	1,641	4	60	\$12,078
2034/35	1,645	4	64	\$12,899
2035/36	1,650	4	69	\$13,723
2036/37	1,654	4	73	\$14,548
2037/38	1,658	4	77	\$15,376
2038/39	1,662	4	81	\$16,205
2039/40	1,666	4	85	\$17,037
2040/41	1,670	4	89	\$17,871
2041/42	1,675	4	93	\$18,707
2042/43	1,679	4	98	\$19,545
2043/44	1,683	4	102	\$20,385
2044/45	1,687	4	106	\$21,227
2045/46	1,691	4	110	\$22,071
2046/47	1,696	4	114	\$22,918
2047/48	1,700	4	119	\$23,766
2048/49	1,704	4	123	\$24,617
<b>NPV new ETs</b>				66
<b>NPV net income from New ETs (\$/ET)</b>				\$156,080
<b>TOTAL NPV REDUCTION AMOUNT CHARGE per ET</b>				<b>\$2,380</b>

# 19 Cross-Subsidy Calculations



**Cross-Subsidy Calculations**

DSP Area	Service Area	Capital Charge for Service Area (\$ per ET)	New ETs	PV of new ETs	Proportion of PV of new ETs in each DSP area	Weighted component of capital charge for each DSP area (\$ per ET)	Weighted capital charge for each DSP area (\$ per ET)	Reduction Amount (\$ per ET)	Developer Charge (\$ per ET)	Proposed Developer Charge (\$ per ET)	Weighted average cross-subsidy to developer charge (\$ per ET)
A	Narromine	10,762	276	147	100.0%	10,762	10,762	2,590	8,172	3,000	5,172

Annual Water bill - no cross subsidy (\$ per ET) \$ 588.87 Increase in annual bill \$ 12.11 2.06%

Annual Water bill - with cross subsidy (\$ per ET) \$ 600.98

Year	Total ETs	New ETs per year	Annual Cross-subsidy on developer charges (\$000)	PV of annual cross-subsidy on developer charges over 30 years @ 5% (\$000)	Annual bill revenue with NO CROSS SUBSIDY (\$000)	Annual bill revenue WITH CROSS SUBSIDY (\$000)	Additional amount required from annual bills to cover subsidy (\$000)	PV of additional amount from annual bills over 30 years @ 5%	Cross-subsidy from existing customers	PV of cross-subsidy from existing customers
2017/18	3,542									
2018/19	3,542	0	0	712	2,086	2,129	43	712	42,899	692,433
2019/20	3,551	9	46		2,091	2,134	43		42,899	
2020/21	3,560	9	46		2,096	2,140	43		42,899	
2021/22	3,569	9	46		2,102	2,145	43		42,899	
2022/23	3,578	9	46		2,107	2,150	43		42,899	
2023/24	3,587	9	46		2,112	2,156	43		42,899	
2024/25	3,596	9	46		2,118	2,161	44		42,899	
2025/26	3,605	9	46		2,123	2,166	44		42,899	
2026/27	3,614	9	47		2,128	2,172	44		42,899	
2027/28	3,623	9	47		2,133	2,177	44		42,899	
2028/29	3,632	9	47		2,139	2,183	44		42,899	
2029/30	3,641	9	47		2,144	2,188	44		42,899	
2030/31	3,650	9	47		2,149	2,194	44		42,899	
2031/32	3,659	9	47		2,155	2,199	44		42,899	
2032/33	3,668	9	47		2,160	2,205	44		42,899	
2033/34	3,678	9	47		2,166	2,210	45		42,899	
2034/35	3,687	9	48		2,171	2,216	45		42,899	
2035/36	3,696	9	48		2,176	2,221	45		42,899	
2036/37	3,705	9	48		2,182	2,227	45		42,899	
2037/38	3,715	9	48		2,187	2,232	45		42,899	
2038/39	3,724	9	48		2,193	2,238	45		42,899	
2039/40	3,733	9	48		2,198	2,244	45		42,899	
2040/41	3,742	9	48		2,204	2,249	45		42,899	
2041/42	3,752	9	48		2,209	2,255	45		42,899	
2042/43	3,761	9	49		2,215	2,260	46		42,899	
2043/44	3,771	9	49		2,220	2,266	46		42,899	
2044/45	3,780	9	49		2,226	2,272	46		42,899	
2045/46	3,789	9	49		2,232	2,277	46		42,899	
2046/47	3,799	9	49		2,237	2,283	46		42,899	
2047/48	3,808	9	49		2,243	2,289	46		42,899	

**Cross-Subsidy Calculations**

DSP Area	Service Area	Capital Charge for Service Area (\$ per ET)	New ETs	PV of new ETs	Proportion of PV of new ETs in each DSP area	Weighted component of capital charge for each DSP area (\$ per ET)	Weighted capital charge for each DSP area (\$ per ET)	Reduction Amount (\$ per ET)	Developer Charge (\$ per ET)	Proposed Developer Charge (\$ per ET)	Weighted average cross-subsidy to developer charge (\$ per ET)
A	Narromine	15,037	123	66	100.0%	15,037	15,037	2,380	12,657	3,500	9,157

Annual Sewerage bill - no cross subsidy (\$ per ET) \$ 600.00 **Increase in annual bill** \$ 20.09 3.35%  
 Annual Sewerage bill - with cross subsidy (\$ per ET) \$ 620.09

Year	Total ETs	New ETs per year	Annual Cross-subsidy on developer charges (\$000)	PV of annual cross-subsidy on developer charges over 30 years @ 5% (\$000)	Annual bill revenue with NO CROSS SUBSIDY (\$000)	Annual bill revenue WITH CROSS SUBSIDY (\$000)	Additional amount required from annual bills to cover subsidy (\$000)	PV of additional amount from annual bills over 30 years @ 5%	Cross-subsidy from existing customers	PV of cross-subsidy from existing customers
2017/18	1,581									
2018/19	1,581	0	0		949	980	32	527	31,761	512,654
2019/20	1,585	0	0		951	983	32		31,761	
2020/21	1,589	4	36		953	985	32		31,761	
2021/22	1,593	4	36		956	988	32		31,761	
2022/23	1,597	4	36		958	990	32		31,761	
2023/24	1,601	4	36		961	993	32		31,761	
2024/25	1,605	4	37		963	995	32		31,761	
2025/26	1,609	4	37		965	998	32		31,761	
2026/27	1,613	4	37		968	1,000	32		31,761	
2027/28	1,617	4	37		970	1,003	32		31,761	
2028/29	1,621	4	37		973	1,005	33		31,761	
2029/30	1,625	4	37		975	1,008	33		31,761	
2030/31	1,629	4	37		977	1,010	33		31,761	
2031/32	1,633	4	37		980	1,013	33		31,761	
2032/33	1,637	4	37		982	1,015	33		31,761	
2033/34	1,641	4	37		985	1,018	33		31,761	
2034/35	1,645	4	37		987	1,020	33		31,761	
2035/36	1,650	4	38		990	1,023	33		31,761	
2036/37	1,654	4	38		992	1,025	33		31,761	
2037/38	1,658	4	38		995	1,028	33		31,761	
2038/39	1,662	4	38		997	1,031	33		31,761	
2039/40	1,666	4	38		1,000	1,033	33		31,761	
2040/41	1,670	4	38		1,002	1,036	34		31,761	
2041/42	1,675	4	38		1,005	1,038	34		31,761	
2042/43	1,679	4	38		1,007	1,041	34		31,761	
2043/44	1,683	4	38		1,010	1,044	34		31,761	
2044/45	1,687	4	38		1,012	1,046	34		31,761	
2045/46	1,691	4	39		1,015	1,049	34		31,761	
2046/47	1,696	4	39		1,017	1,051	34		31,761	
2047/48	1,700	4	39		1,020	1,054	34		31,761	