



Development Servicing Plan for Water Supply and Sewerage Hay Shire Council

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Summary

This Development Servicing Plan (DSP) covers water supply and sewerage developer charges for the Hay 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
Hay Filtered Water Supply	370	\$32.30 (3.9%)
Hay Raw Water Supply	1,561	
Hay Sewerage	0	0%

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 filtered water supply, raw water supply and sewerage developer charges for areas served by Hay Shire Council (HSC).

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 Hay Shire Council water supply and sewerage schemes. Reticulated water supply and sewerage is only provided to the town of Hay (including Hay South). Other towns and villages in the Shire, such as Booligal, Maude and One Tree, are not serviced. There are no development areas of over 500 lots or areas serviced by alternative technologies.

DSP	DSP Name	Area Covered
Filtered Water Supply	Hay	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.
Raw Water Supply	Hay	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 water supply scheme
Sewerage	Hay	The area covered by this DSP is shown on Plan 3 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. HSC 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 (2020/21) to 2050/51 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 Section 7.3 and 8.3 of the DSP document.

The ET projections were based on 30-year ET projections developed by Public Works Advisory (PWA) and HSC as part of the development of the Integrated Water Cycle Management (IWCM) Strategy.

Table 3-1 Growth Projections

Year	Filtered Water Supply		Raw Water Supply		Sewerage	
	Number of ETs	Number of new ETs	Number of ETs	Number of new ETs	Number of ETs	Number of new ETs
1995/96	1,386		1,470		1,386	
To end of 2020/21	1,417	31	1,487	17	1,417	31
2021/22	1,449	32	1,504	17	1,449	32
2022/23	1,482	33	1,522	17	1,482	33
2023/24	1,515	34	1,539	18	1,515	34
2024/25	1,549	34	1,557	18	1,549	34
2025/26	1,584	35	1,575	18	1,584	35
2026/27	1,620	36	1,593	18	1,620	36
2027/28	1,657	37	1,612	18	1,657	37
2028/29	1,694	37	1,631	19	1,694	37
2029/30	1,733	38	1,649	19	1,733	38
2030/31	1,772	39	1,669	19	1,772	39
2031/32	1,812	40	1,688	19	1,812	40
2032/33	1,853	41	1,707	20	1,853	41
2033/34	1,895	42	1,727	20	1,895	42
2034/35	1,938	43	1,747	20	1,938	43
2035/36	1,981	44	1,767	20	1,981	44
2036/37	2,026	45	1,788	20	2,026	45
2037/38	2,072	46	1,808	21	2,072	46
2038/39	2,119	47	1,829	21	2,119	47
2039/40	2,167	48	1,851	21	2,167	48
2040/41	2,216	49	1,872	21	2,216	49
2041/42	2,266	50	1,894	22	2,266	50

	Filtered Water Supply		Raw Water Supply		Sewerage	
2042/43	2,317	51	1,916	22	2,317	51
2043/44	2,370	52	1,938	22	2,370	52
2044/45	2,423	54	1,960	22	2,423	54
2045/46	2,478	55	1,983	23	2,478	55
2046/47	2,534	56	2,006	23	2,534	56
2047/48	2,591	57	2,029	23	2,591	57
2048/49	2,650	59	2,052	23	2,650	59
2049/50	2,710	60	2,076	24	2,710	60
2050/51	2,771	61	2,100	24	2,771	61

3.2 Land Use Information

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

4 Water Supply and Sewerage Infrastructure

Water Supply

HSC operates both a potable/filtered water system and a raw water system. The systems both source water from the Murrumbidgee River at different intake points (Public Works Advisory, 2017). Both potable and filtered water are reticulated to Hay and Hay South. Properties in the rest of the LGA rely on rainwater tanks and/ or privately-owned bores for water supply.

Filtered Water Supply

The filtered water supply scheme has an intake on the Murrumbidgee River at the Murray Street pump station. Raw water is treated at the Hay Water Treatment Plant (WTP) which has a capacity of 2.3 ML/day. Treated water is then pumped to the Pine Street reservoir (2.3 ML capacity). From the reservoir, water is reticulated to Hay and Hay South (Public Works Advisory, 2017).

Raw Water Supply

The raw water supply scheme has an intake on the Murrumbidgee River at the Leonard Street pump station. Raw water is disinfected with chlorine gas before being pumped to the Leonard Street reservoir and the Pine Street non-potable reservoir from where it is distributed to Hay. The Pine Street non-potable reservoir also gravity feeds Hay South and the Hay South Lang Street reservoir (Public Works Advisory, 2017).

The existing water supply headworks and distribution works servicing the area covered by this DSP are shown on Plans in Section 13.

Sewerage

Hay is serviced by a single Sewage Treatment Plant (STP) located off Rye Lane. The STP is a 2019 IDEA type system with a design capacity of 3,000 EP. Hay's sewer network contains eight sewage pumping stations. The scheme includes approximately 30 km of gravity sewer mains and 4 km of rising mains.

The existing sewage treatment and network servicing the area covered by this DSP are shown on Plans in Section 13.

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:

- Hay Shire Council Integrated Water Cycle Management Issues Paper (Public Works Advisory, 2018);
- Strategic Business Plans for Water Supply and Sewerage Services (Hay Shire Council, 2009);
- NSW Water and Sewerage Strategic Business Planning Guidelines, NSW Office of Water, July 2011, (available at 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 HSC'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	Raw	Filtered
Fire Fighting		
Base Design Flow (all property types)	95% demand	
Fire Flow (residential and rural)	10 L/s	
Fire Flow (commercial/ industrial properties)	20 L/s	
Residual pressure (all property types)	15 m head	
Pressure		
Minimum pressure when conveying 0.15 L/s/ET	15 m	25 m
Maximum static pressure	26 m	30 m
Supply Interruption to Consumers		
<i>Planned</i>		
Notice given to all customers	1 day	1 day
Maximum duration of interruption	2 hours	2 hours
<i>Unplanned</i>		
Maximum duration of interruption	8 hours	8 hours
Maximum number per year	15 times	5 times
Total number of interruptions	50 per 1,000 connections	10 per 1,000 connections
Response Times (defined as time to have staff on-site or to investigate a problem or answer an inquiry)		
<u>Supply Failure – All Customers</u>		
During working hours	0.5 hours	0.5 hours
Out of working hours	0.5 to 2 hours	0.5 to 2 hours

Description	Raw	Filtered
<u>Minor Problems and General Inquiries</u>		
Oral inquiry	0.5 hours	0.5 hours
Written inquiry	5 hours	5 hours
Service Provided		
Time to provide an individual connection to water supply in the town area	5 days	5 days
Water Quality		
<u>Microbiological Quality (to comply with ADWG 2004)</u>		
Coliforms		
Faecal coliforms	Not tested	< 1 per 100 mL
Current long-term compliance	Not tested	< 1 per 100 mL
<u>Physical Results (to comply with ADWG 2004)</u>		
pH	6 – 7.5	7.8 – 8.2
Colour	185 TCU	0 – 2.5 TCU
Turbidity	20 – 120 NTU	0 – 0.3 NTU
Taste and odour (to comply with ADWF 2004)	None	12 complaints per 1,000 customers
Dirty water (to comply with ADWF 2004)	None	6 complaints per 1,000 customers
<u>Chemical – Inorganic Results (to comply with ADWG 2004)</u>		
Iron	0.05 – 2.9 mg/L	< 0.1 mg/L
Manganese	0.1 – 0.9 mg/L	0.1 – 0.9 mg/L

5.2 Sewerage

The LOS that apply to HSC'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	Target Level of Service
Availability Service	None
Extent of area service with sewerage	
Frequency of System Failures	
Category One: Failures due to rainfall and deficient design capacity	0 per year
Category Two: <i>Failure due to pump or other breakdown</i>	0 per year
Category Three: <i>Failure due to blockages</i>	300 per year
Response Times to System Failures (defined as the maximum time to	

Description	Target Level of Service
<i>have staff on-site to commence rectification after notification)</i>	
Response time during working hours	2 hours
Response time after hours	4 hours
Response Time to General or Minor Customer Complaints and Enquiries	
Oral Complaints	30 – 120 minutes
Written complaints/ enquiries	2 days
Odour Complaints About the treatment works and pumping stations	5 per year
Effluent Quality	
EPA Licence requirements (No. 003520)	Meeting all EPA Licence requirements
Environmental discharge of effluent	No discharge to receiving waters, all discharge to land/ evaporation Monitoring yearly to maintain data base

6 Design Parameters

6.1 Water Supply

Investigation and design of water supply system components is based on:

- Water Services Association of Australia “Water Supply Code of Australia WSA 03-2002 Version 2.3”

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 filtered and raw 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.

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 Name	DSP Service Area	Capital Charge (\$ per ET)	Reduction Amount (\$ per ET)	Calculated Maximum Developer Charge (\$ per ET)	Adopted Developer Charge (\$ per ET)
Filtered Water	Hay	1,564	824	739	370
Raw Water	Hay	4,613	1,491	3,122	1,561

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
Hay Filtered Water	Area serviced by a separate water supply distribution system
Hay Raw Water	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, adopted by Public Works in the IWCM, was 166 kL per property for filtered water and 419 kL per property for raw water. ET projections are shown in Table 7-2. The ETs in January 1996 are also provided.

Table 7-2 ET Projections for Water Supply

Year	Hay Filtered Water	Hay Raw Water
Jan 1996	1,386	1,470
2020/21	1,417	1,487
2021/22	1,449	1,504
2022/23	1,482	1,522
2023/24	1,515	1,539

Year	Hay Filtered Water	Hay Raw Water
2024/25	1,549	1,557
2025/26	1,584	1,575
2026/27	1,620	1,593
2027/28	1,657	1,612
2028/29	1,694	1,631
2029/30	1,733	1,649
2030/31	1,772	1,669
2031/32	1,812	1,688
2032/33	1,853	1,707
2033/34	1,895	1,727
2034/35	1,938	1,747
2035/36	1,981	1,767
2036/37	2,026	1,788
2037/38	2,072	1,808
2038/39	2,119	1,829
2039/40	2,167	1,851
2040/41	2,216	1,872
2041/42	2,266	1,894
2042/43	2,317	1,916
2043/44	2,370	1,938
2044/45	2,423	1,960
2045/46	2,478	1,983
2046/47	2,534	2,006
2047/48	2,591	2,029
2048/49	2,650	2,052
2049/50	2,710	2,076
2050/51	2,771	2,100

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 (\$)
Hay Filtered Water	418	199	0	310,905	0	1,564	1,564
Hay Raw Water	195	94	33,317	418,936	171	4,442	4,613

7.5 DSP Area

Both the filtered water and raw water DSPs cover a single service area. This is no agglomeration of capital charges.

7.6 Reduction Amount

HSC 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. HSC has a single tariff structure. The reduction amount calculations are shown in Table 7-6. The annual bill and OMA costs were calculated using data from the Special Purpose Financial Statement Income Statement – Water Supply Business Activity for the year ended June 2020, as this was the most recent available data at the time of preparation of the DSP. The Income Statement does not separately cover filtered water and raw water. Council advised a split of 35% for filtered water and 65% for raw water should be used for the calculations. The TRB and OMA are summarised below:

Filtered Water Annual bill at the commencement of the DSP = \$301 per ET

Filtered Water OMA Cost at the commencement of the DSP = \$227 per ET

Filtered Water Net income = Annual bill – OMA cost = \$74 per ET

Raw Water Annual bill at the commencement of the DSP = \$526 per ET

Raw Water OMA Cost at the commencement of the DSP = \$397 per ET

Raw Water Net income = Annual bill – OMA cost = \$129 per ET

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

Year	Total ETs	New ETs	PV of new ETs	Cumulative new ETs	Net income from new ETs (\$)	PV of net income from new ETs (\$)	Reduction Amount (\$ per ET)
2020/21	1,417						
2021/22	1,449	32	672	32	2,355	554,327	824
2022/23	1,482	33		65	4,763		
2023/24	1,515	34		98	7,226		
2024/25	1,549	34		133	9,745		
2025/26	1,584	35		168	12,320		
2026/27	1,620	36		203	14,954		
2027/28	1,657	37		240	17,647		
2028/29	1,694	37		278	20,401		
2029/30	1,733	38		316	23,217		
2030/31	1,772	39		355	26,097		
2031/32	1,812	40		395	29,042		
2032/33	1,853	41		436	32,054		
2033/34	1,895	42		478	35,134		
2034/35	1,938	43		521	38,283		
2035/36	1,981	44		565	41,504		
2036/37	2,026	45		609	44,798		
2037/38	2,072	46		655	48,166		
2038/39	2,119	47		702	51,610		
2039/40	2,167	48		750	55,132		
2040/41	2,216	49		799	58,733		
2041/42	2,266	50		849	62,416		
2042/43	2,317	51		900	66,183		
2043/44	2,370	52		953	70,034		
2044/45	2,423	54		1,006	73,973		
2045/46	2,478	55		1,061	78,001		
2046/47	2,534	56		1,117	82,119		
2047/48	2,591	57		1,174	86,331		
2048/49	2,650	59		1,233	90,638		
2049/50	2,710	60		1,293	95,043		
2050/51	2,771	61		1,354	99,547		

Table 7-5 Calculation of the Reduction Amount for Raw Water Supply

Year	Total ETs	New ETs	PV of new ETs	Cumulative new ETs	Net income from new ETs (\$)	PV of net income from new ETs (\$)	Reduction Amount (\$ per ET)
2020/21	1,487	0					
2021/22	1,504	17	317	17	2,214	472,108	1,491
2022/23	1,522	17		35	4,454		
2023/24	1,539	18		52	6,720		
2024/25	1,557	18		70	9,012		
2025/26	1,575	18		88	11,330		
2026/27	1,593	18		106	13,675		
2027/28	1,612	18		125	16,048		
2028/29	1,631	19		143	18,448		
2029/30	1,649	19		162	20,875		
2030/31	1,669	19		181	23,331		
2031/32	1,688	19		201	25,815		
2032/33	1,707	20		220	28,328		
2033/34	1,727	20		240	30,870		
2034/35	1,747	20		260	33,442		
2035/36	1,767	20		280	36,043		
2036/37	1,788	20		301	38,674		
2037/38	1,808	21		321	41,336		
2038/39	1,829	21		342	44,029		
2039/40	1,851	21		363	46,752		
2040/41	1,872	21		385	49,507		
2041/42	1,894	22		406	52,295		
2042/43	1,916	22		428	55,114		
2043/44	1,938	22		451	57,966		
2044/45	1,960	22		473	60,851		
2045/46	1,983	23		496	63,769		
2046/47	2,006	23		519	66,721		
2047/48	2,029	23		542	69,708		
2048/49	2,052	23		565	72,728		
2049/50	2,076	24		589	75,784		
2050/51	2,100	24		613	78,875		

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. HSC has decided to apply a cross subsidy to reduce the developer charges by 50% of the calculated maximum charge so that development is not impeded by high 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 charges to 50% of the calculated maximum developer charge – adopted.

A summary of the developer charges option and cross-subsidy is shown in Table 7-6.

Table 7-6 Developer Charge Options and Cross-Subsidy

	Service Area	Capital Charge for Service Area (\$ per ET)	PV of new ETs over 30 years	Reduction Amount (\$ per ET)	Calculated Maximum Developer Charge (\$ per ET)	Proposed Developer Charge (\$ per ET)	Cross-subsidy to developer charge (\$ per ET)
No cross subsidy	Filtered Water	1,564	672	824	739	739	0
	Raw Water	4,613	319	1,491	3,122	3,122	0
Cross subsidy	Filtered Water	1,564	672	824	739	370	370
	Raw Water	4,613	319	1,491	3,122	1,561	1,561

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

Table 7-7 Impact of Cross-subsidies on Annual Water Bill for Filtered and Raw Water Supply

Option	Service Area	Required Annual Water Supply Bill per ET	Resulting Increase in Annual Water Supply Bill
1 – No cross subsidy	All	\$826.94	0.0%
2 – Adopted cross subsidy	All	\$859.24	3.9%

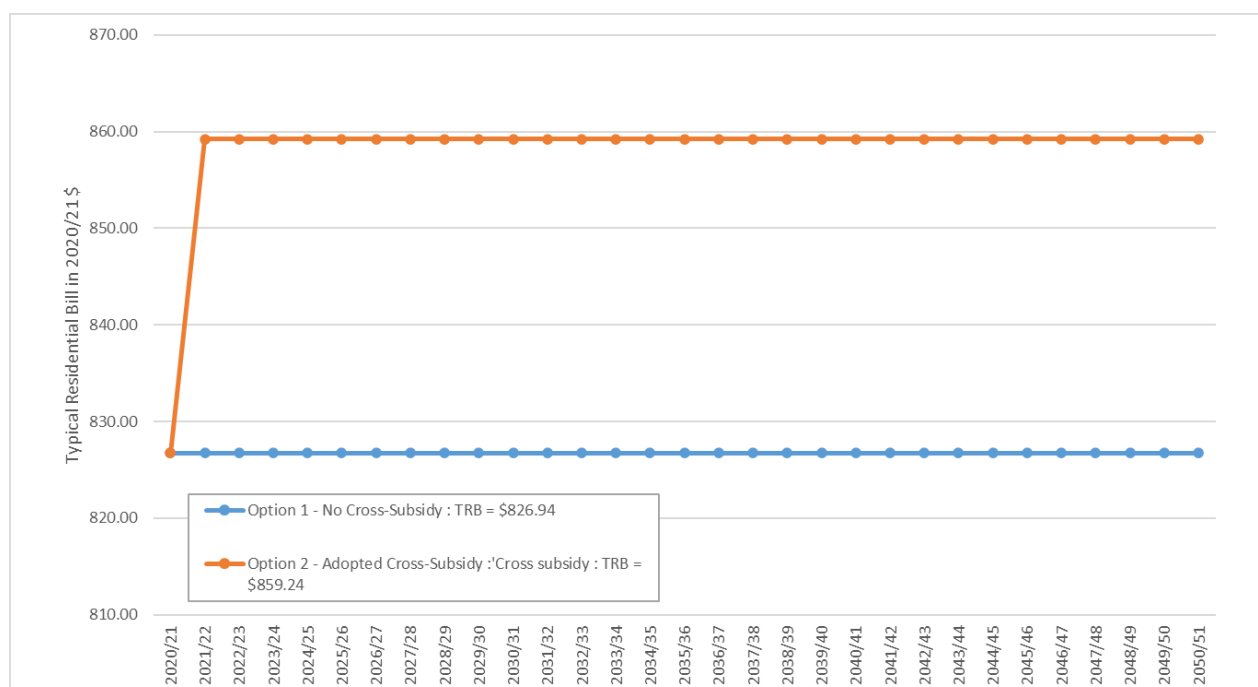


Figure 7-1 Impact of Developer Charges Option on TRB

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 Service Area	Capital Charge (\$ per ET)	Reduction Amount (\$ per ET)	Calculated Maximum Developer Charge (\$ per ET)	Adopted Developer Charge (\$ per ET)
Hay	1,789	3,853	0	0

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
Hay	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.

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	ET
Jan 1996	1,386
2020/21	1,417
2021/22	1,449
2022/23	1,482
2023/24	1,515
2024/25	1,549
2025/26	1,584
2026/27	1,620
2027/28	1,657
2028/29	1,694
2029/30	1,733
2030/31	1,772
2031/32	1,812
2032/33	1,853
2033/34	1,895
2034/35	1,938

Year	ET
2035/36	1,981
2036/37	2,026
2037/38	2,072
2038/39	2,119
2039/40	2,167
2040/41	2,216
2041/42	2,266
2042/43	2,317
2043/44	2,370
2044/45	2,423
2045/46	2,478
2046/47	2,534
2047/48	2,591
2048/49	2,650
2049/50	2,710
2050/51	2,771

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 (\$)
Hay	418	199	131,710	293,044	315	1,474	1,789

8.5 DSP Area

This DSP covers a single service area. There is no agglomeration of capital charges.

8.6 Reduction Amount

HSC 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. HSC has a single tariff structure for all towns and villages. The reduction amount calculations are shown in Table 8-7. The annual bill and OMA costs were calculated using data from the Special Purpose Financial Statement Income Statement – Sewerage Business Activity for the year ended June 2020, as this was the most recent available data at the time of preparation of the DSP. The TRB and OMA are summarised below:

Annual bill at the commencement of the DSP = \$741 per ET
 OMA Cost at the commencement of the DSP = \$398 per ET
 Net income = Annual bill – OMA cost = \$344 per ET

Table 8-5 Calculation of the Reduction Amount for Sewerage

Year	Total ETs	New ETs	PV of new ETs	Cumulative new ETs	Net income from new ETs (\$)	PV of net income from new ETs (\$)	Reduction Amount (\$ per ET)
2020/21	1,417						
2021/22	1,449	32	672	32	11,006	2,590,670	3,853
2022/23	1,482	33		65	22,262		
2023/24	1,515	34		98	33,771		
2024/25	1,549	34		133	45,542		
2025/26	1,584	35		168	57,578		
2026/27	1,620	36		203	69,886		
2027/28	1,657	37		240	82,473		
2028/29	1,694	37		278	95,344		
2029/30	1,733	38		316	108,506		
2030/31	1,772	39		355	121,966		
2031/32	1,812	40		395	135,730		
2032/33	1,853	41		436	149,806		
2033/34	1,895	42		478	164,199		
2034/35	1,938	43		521	178,919		
2035/36	1,981	44		565	193,971		
2036/37	2,026	45		609	209,363		
2037/38	2,072	46		655	225,103		
2038/39	2,119	47		702	241,200		
2039/40	2,167	48		750	257,660		
2040/41	2,216	49		799	274,493		
2041/42	2,266	50		849	291,706		
2042/43	2,317	51		900	309,308		
2043/44	2,370	52		953	327,308		
2044/45	2,423	54		1,006	345,716		
2045/46	2,478	55		1,061	364,539		
2046/47	2,534	56		1,117	383,788		
2047/48	2,591	57		1,174	403,473		
2048/49	2,650	59		1,233	423,602		

Year	Total ETs	New ETs	PV of new ETs	Cumulative new ETs	Net income from new ETs (\$)	PV of net income from new ETs (\$)	Reduction Amount (\$ per ET)
2049/50	2,710	60		1,293	444,187		
2050/51	2,771	61		1,354	465,237		

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:

David Webb

Hay Shire Council

Ph: (02) 6990 1100

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

11 Other DSPs and Related Contribution Plans

This DSP replaces previous DSPs for water supply and sewerage. There are no other related contribution plans.

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.
HSC	Hay Shire Council
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.
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



Plan 1 Filtered Water Service Area



Plan 2 Raw Water Service Area



Plan 3 Sewerage Service Area

14 Calculation of ETs

Filtered Water Supply - Equivalent Tenement Estimates

Notes:

Refer to 'IWCM Info' sheet for documentation of how ET Projections were developed

Year	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)
1995/96	0.00%	1,386	
1996/97	0.00%	1,386	0
1997/98	0.00%	1,386	0
1998/99	0.00%	1,386	0
1999/00	0.00%	1,386	0
2000/01	0.00%	1,386	0
2001/02	0.00%	1,386	0
2002/03	0.00%	1,386	0
2003/04	0.00%	1,386	0
2004/05	0.00%	1,386	0
2005/06	0.00%	1,386	0
2006/07	0.00%	1,386	0
2007/08	0.00%	1,386	0
2008/09	0.00%	1,386	0
2009/10	0.00%	1,386	0
2010/11	0.00%	1,386	0
2011/12	0.00%	1,386	0
2012/13	0.00%	1,386	0
2013/14	0.00%	1,386	0
2014/15	0.00%	1,386	0
2015/16	0.00%	1,386	0
2016/17	0.00%	1,386	0
2017/18	0.00%	1,386	0
2018/19	0.00%	1,386	0
2019/20	2.26%	1,386	0
2020/21	2.26%	1,417	31
2021/22	2.26%	1,449	32
2022/23	2.26%	1,482	33
2023/24	2.26%	1,515	34
2024/25	2.26%	1,549	34
2025/26	2.26%	1,584	35
2026/27	2.26%	1,620	36
2027/28	2.26%	1,657	37
2028/29	2.26%	1,694	37
2029/30	2.26%	1,733	38
2030/31	2.26%	1,772	39
2031/32	2.26%	1,812	40
2032/33	2.26%	1,853	41
2033/34	2.26%	1,895	42
2034/35	2.26%	1,938	43
2035/36	2.26%	1,981	44
2036/37	2.26%	2,026	45
2037/38	2.26%	2,072	46
2038/39	2.26%	2,119	47
2039/40	2.26%	2,167	48
2040/41	2.26%	2,216	49
2041/42	2.26%	2,266	50
2042/43	2.26%	2,317	51
2043/44	2.26%	2,370	52
2044/45	2.26%	2,423	54
2045/46	2.26%	2,478	55
2046/47	2.26%	2,534	56
2047/48	2.26%	2,591	57
2048/49	2.26%	2,650	59
2049/50	2.26%	2,710	60
2050/51	2.26%	2,771	61
TOTAL		2,771	1,385

Raw Water Supply - Equivalent Tenement Estimates

Notes:

Refer to 'IWCM Info' sheet for documentation of how ET Projections were developed

Year	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)
1995/96	0.00%	1,470	
1996/97	0.00%	1,470	0
1997/98	0.00%	1,470	0
1998/99	0.00%	1,470	0
1999/00	0.00%	1,470	0
2000/01	0.00%	1,470	0
2001/02	0.00%	1,470	0
2002/03	0.00%	1,470	0
2003/04	0.00%	1,470	0
2004/05	0.00%	1,470	0
2005/06	0.00%	1,470	0
2006/07	0.00%	1,470	0
2007/08	0.00%	1,470	0
2008/09	0.00%	1,470	0
2009/10	0.00%	1,470	0
2010/11	0.00%	1,470	0
2011/12	0.00%	1,470	0
2012/13	0.00%	1,470	0
2013/14	0.00%	1,470	0
2014/15	0.00%	1,470	0
2015/16	0.00%	1,470	0
2016/17	0.00%	1,470	0
2017/18	0.00%	1,470	0
2018/19	0.00%	1,470	0
2019/20	1.16%	1,470	0
2020/21	1.16%	1,487	17
2021/22	1.16%	1,504	17
2022/23	1.16%	1,522	17
2023/24	1.16%	1,539	18
2024/25	1.16%	1,557	18
2025/26	1.16%	1,575	18
2026/27	1.16%	1,593	18
2027/28	1.16%	1,612	18
2028/29	1.16%	1,631	19
2029/30	1.16%	1,649	19
2030/31	1.16%	1,669	19
2031/32	1.16%	1,688	19
2032/33	1.16%	1,707	20
2033/34	1.16%	1,727	20
2034/35	1.16%	1,747	20
2035/36	1.16%	1,767	20
2036/37	1.16%	1,788	20
2037/38	1.16%	1,808	21
2038/39	1.16%	1,829	21
2039/40	1.16%	1,851	21
2040/41	1.16%	1,872	21
2041/42	1.16%	1,894	22
2042/43	1.16%	1,916	22
2043/44	1.16%	1,938	22
2044/45	1.16%	1,960	22
2045/46	1.16%	1,983	23
2046/47	1.16%	2,006	23
2047/48	1.16%	2,029	23
2048/49	1.16%	2,052	23
2049/50	1.16%	2,076	24
2050/51	1.16%	2,100	24
TOTAL		2,100	630

Sewerage - Equivalent Tenement Estimates*Notes:*

1996 ET and ET projections were available in Hay IWCM Issues Paper (2017)
PWA provided revised ET projections for water supply, developed with Council, on
11/12/20. The existing ETs were lower than the 1996 ETs from the Issues Paper.

The following assumption were made:

* The revised existing ET's have been adopted as the 2020/21 ET.

* 1996 ET's were assumed to be the same as 2020/21 ET's.

* It was assumed that sewerage ET's were the same as filtered water ET's (and not raw
water ET's which did not include large amount of industrial development)

Year	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)
1995/96	0.00%	1,386	
1996/97	0.00%	1,386	0
1997/98	0.00%	1,386	0
1998/99	0.00%	1,386	0
1999/00	0.00%	1,386	0
2000/01	0.00%	1,386	0
2001/02	0.00%	1,386	0
2002/03	0.00%	1,386	0
2003/04	0.00%	1,386	0
2004/05	0.00%	1,386	0
2005/06	0.00%	1,386	0
2006/07	0.00%	1,386	0
2007/08	0.00%	1,386	0
2008/09	0.00%	1,386	0
2009/10	0.00%	1,386	0
2010/11	0.00%	1,386	0
2011/12	0.00%	1,386	0
2012/13	0.00%	1,386	0
2013/14	0.00%	1,386	0
2014/15	0.00%	1,386	0
2015/16	0.00%	1,386	0
2016/17	0.00%	1,386	0
2017/18	0.00%	1,386	0
2018/19	0.00%	1,386	0
2019/20	2.26%	1,386	0
2020/21	2.26%	1,417	31
2021/22	2.26%	1,449	32
2022/23	2.26%	1,482	33
2023/24	2.26%	1,515	34
2024/25	2.26%	1,549	34
2025/26	2.26%	1,584	35
2026/27	2.26%	1,620	36
2027/28	2.26%	1,657	37
2028/29	2.26%	1,694	37
2029/30	2.26%	1,733	38
2030/31	2.26%	1,772	39
2031/32	2.26%	1,812	40
2032/33	2.26%	1,853	41
2033/34	2.26%	1,895	42
2034/35	2.26%	1,938	43
2035/36	2.26%	1,981	44
2036/37	2.26%	2,026	45
2037/38	2.26%	2,072	46
2038/39	2.26%	2,119	47
2039/40	2.26%	2,167	48
2040/41	2.26%	2,216	49
2041/42	2.26%	2,266	50
2042/43	2.26%	2,317	51
2043/44	2.26%	2,370	52
2044/45	2.26%	2,423	54
2045/46	2.26%	2,478	55
2046/47	2.26%	2,534	56
2047/48	2.26%	2,591	57
2048/49	2.26%	2,650	59
2049/50	2.26%	2,710	60
2050/51	2.26%	2,771	61
TOTAL		2,771	1,386

15 Existing Capital Costs

Calculation of the Recoverable Proportion:

Areas served by Assets	ET Uptake 1995/96 - 2050/51	Total ET 2050/51	Growth Proportion
Hay Filtered	1,385	2,771	50.0%

Existing Assets - Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Filtered	1 - 2	Water Filtered	Water Mains	Reticulation	1988	140	80	No	Pre 1990 Asset	\$ 16,678	0.0%	\$0
Hay Filtered	1 - 5	Water Filtered	Water Mains	Reticulation	1988	230	80	No	Pre 1990 Asset	\$ 27,400	0.0%	\$0
Hay Filtered	10 - 20	Water Filtered	Water Mains	Reticulation	1988	230	200	No	Pre 1990 Asset	\$ 60,706	0.0%	\$0
Hay Filtered	10 - 154	Water Filtered	Water Mains	Reticulation	1988	10	80	No	Pre 1990 Asset	\$ 1,191	0.0%	\$0
Hay Filtered	100 - 200	Water Filtered	Water Mains	Reticulation	1988	210	50	No	Pre 1990 Asset	\$ 21,136	0.0%	\$0
Hay Filtered	100 - 166	Water Filtered	Water Mains	Reticulation	1988	248	50	No	Pre 1990 Asset	\$ 24,960	0.0%	\$0
Hay Filtered	101 - 112	Water Filtered	Water Mains	Reticulation	1988	248	100	No	Pre 1990 Asset	\$ 32,856	0.0%	\$0
Hay Filtered	101 - 102	Water Filtered	Water Mains	Reticulation	1988	58	50	No	Pre 1990 Asset	\$ 5,837	0.0%	\$0
Hay Filtered	101 - 202	Water Filtered	Water Mains	Reticulation	1988	58	50	No	Pre 1990 Asset	\$ 5,837	0.0%	\$0
Hay Filtered	103 - 104	Water Filtered	Water Mains	Reticulation	1988	87	150	No	Pre 1990 Asset	\$ 16,798	0.0%	\$0
Hay Filtered	103 - 147	Water Filtered	Water Mains	Reticulation	1988	202	150	No	Pre 1990 Asset	\$ 39,001	0.0%	\$0
Hay Filtered	104 - 607	Water Filtered	Water Mains	Reticulation	1988	156	50	No	Pre 1990 Asset	\$ 15,701	0.0%	\$0
Hay Filtered	104 - 105	Water Filtered	Water Mains	Reticulation	1988	52	50	No	Pre 1990 Asset	\$ 5,234	0.0%	\$0
Hay Filtered	105 - 196	Water Filtered	Water Mains	Reticulation	1988	55	150	No	Pre 1990 Asset	\$ 10,619	0.0%	\$0
Hay Filtered	105 - 608	Water Filtered	Water Mains	Reticulation	1988	186	50	No	Pre 1990 Asset	\$ 18,720	0.0%	\$0
Hay Filtered	105 - 148	Water Filtered	Water Mains	Reticulation	1988	199	50	No	Pre 1990 Asset	\$ 20,029	0.0%	\$0
Hay Filtered	106 - 196	Water Filtered	Water Mains	Reticulation	1988	8	80	No	Pre 1990 Asset	\$ 953	0.0%	\$0
Hay Filtered	107 - 165	Water Filtered	Water Mains	Reticulation	1988	345	100	No	Pre 1990 Asset	\$ 45,707	0.0%	\$0
Hay Filtered	107 - 166	Water Filtered	Water Mains	Reticulation	1988	59	100	No	Pre 1990 Asset	\$ 7,816	0.0%	\$0
Hay Filtered	108 - 609	Water Filtered	Water Mains	Reticulation	1988	152	50	No	Pre 1990 Asset	\$ 15,298	0.0%	\$0
Hay Filtered	108 - 166	Water Filtered	Water Mains	Reticulation	1988	59	100	No	Pre 1990 Asset	\$ 7,816	0.0%	\$0
Hay Filtered	109 - 144	Water Filtered	Water Mains	Reticulation	1988	185	80	No	Pre 1990 Asset	\$ 22,039	0.0%	\$0
Hay Filtered	109 - 203	Water Filtered	Water Mains	Reticulation	1988	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Filtered	11 - 39	Water Filtered	Water Mains	Reticulation	1988	60	200	No	Pre 1990 Asset	\$ 15,836	0.0%	\$0
Hay Filtered	110 - 112	Water Filtered	Water Mains	Reticulation	1988	58	100	No	Pre 1990 Asset	\$ 7,684	0.0%	\$0
Hay Filtered	110 - 154	Water Filtered	Water Mains	Reticulation	1988	184	50	No	Pre 1990 Asset	\$ 18,519	0.0%	\$0
Hay Filtered	111 - 220	Water Filtered	Water Mains	Reticulation	1988	10	300	No	Pre 1990 Asset	\$ 4,272	0.0%	\$0
Hay Filtered	112 - 203	Water Filtered	Water Mains	Reticulation	1988	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Filtered	113 - 207	Water Filtered	Water Mains	Reticulation	1988	35	150	No	Pre 1990 Asset	\$ 6,758	0.0%	\$0
Hay Filtered	114 - 218	Water Filtered	Water Mains	Reticulation	1988	15	100	No	Pre 1990 Asset	\$ 1,987	0.0%	\$0
Hay Filtered	114 - 207	Water Filtered	Water Mains	Reticulation	1988	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Filtered	114 - 121	Water Filtered	Water Mains	Reticulation	1988	208	80	No	Pre 1990 Asset	\$ 24,779	0.0%	\$0
Hay Filtered	115 - 218	Water Filtered	Water Mains	Reticulation	1988	135	100	No	Pre 1990 Asset	\$ 17,885	0.0%	\$0
Hay Filtered	115 - 117	Water Filtered	Water Mains	Reticulation	1988	97	50	No	Pre 1990 Asset	\$ 9,763	0.0%	\$0
Hay Filtered	115 - 205	Water Filtered	Water Mains	Reticulation	1988	208	100	No	Pre 1990 Asset	\$ 27,556	0.0%	\$0
Hay Filtered	117 - 118	Water Filtered	Water Mains	Reticulation	1988	111	50	No	Pre 1990 Asset	\$ 11,172	0.0%	\$0
Hay Filtered	117 - 122	Water Filtered	Water Mains	Reticulation	1988	57	50	No	Pre 1990 Asset	\$ 5,737	0.0%	\$0
Hay Filtered	118 - 119	Water Filtered	Water Mains	Reticulation	1988	62	50	No	Pre 1990 Asset	\$ 6,240	0.0%	\$0
Hay Filtered	119 - 120	Water Filtered	Water Mains	Reticulation	1988	94	50	No	Pre 1990 Asset	\$ 9,461	0.0%	\$0
Hay Filtered	12 - 618	Water Filtered	Water Mains	Reticulation	1988	60	50	No	Pre 1990 Asset	\$ 6,039	0.0%	\$0
Hay Filtered	12 - 13	Water Filtered	Water Mains	Reticulation	1988	120	150	No	Pre 1990 Asset	\$ 23,169	0.0%	\$0
Hay Filtered	12 - 13	Water Filtered	Water Mains	Reticulation	1988	120	150	No	Pre 1990 Asset	\$ 23,169	0.0%	\$0
Hay Filtered	120 - 205	Water Filtered	Water Mains	Reticulation	1988	41	80	No	Pre 1990 Asset	\$ 4,884	0.0%	\$0
Hay Filtered	120 - 123	Water Filtered	Water Mains	Reticulation	1988	120	80	No	Pre 1990 Asset	\$ 14,296	0.0%	\$0
Hay Filtered	121 - 610	Water Filtered	Water Mains	Reticulation	1988	110	50	No	Pre 1990 Asset	\$ 11,071	0.0%	\$0
Hay Filtered	121 - 204	Water Filtered	Water Mains	Reticulation	1988	20	80	No	Pre 1990 Asset	\$ 2,383	0.0%	\$0
Hay Filtered	122 - 124	Water Filtered	Water Mains	Reticulation	1988	95	50	No	Pre 1990 Asset	\$ 9,561	0.0%	\$0
Hay Filtered	122 - 123	Water Filtered	Water Mains	Reticulation	1988	208	50	No	Pre 1990 Asset	\$ 20,934	0.0%	\$0
Hay Filtered	123 - 125	Water Filtered	Water Mains	Reticulation	1988	94	80	No	Pre 1990 Asset	\$ 11,198	0.0%	\$0
Hay Filtered	124 - 125	Water Filtered	Water Mains	Reticulation	1988	208	50	No	Pre 1990 Asset	\$ 20,934	0.0%	\$0
Hay Filtered	125 - 125A	Water Filtered	Water Mains	Reticulation	1988	20	80	No	Pre 1990 Asset	\$ 2,383	0.0%	\$0
Hay Filtered	125A - 611	Water Filtered	Water Mains	Reticulation	1988	154	50	No	Pre 1990 Asset	\$ 15,499	0.0%	\$0
Hay Filtered	126 - 204	Water Filtered	Water Mains	Reticulation	1988	213	80	No	Pre 1990 Asset	\$ 25,375	0.0%	\$0
Hay Filtered	126 - 127	Water Filtered	Water Mains	Reticulation	1988	111	80	No	Pre 1990 Asset	\$ 13,224	0.0%	\$0
Hay Filtered	128 - 132	Water Filtered	Water Mains	Reticulation	1988	110	50	No	Pre 1990 Asset	\$ 11,071	0.0%	\$0
Hay Filtered	128 - 133	Water Filtered	Water Mains	Reticulation	1988	92	150	No	Pre 1990 Asset	\$ 17,763	0.0%	\$0
Hay Filtered	128 - 203	Water Filtered	Water Mains	Reticulation	1988	9	80	No	Pre 1990 Asset	\$ 1,072	0.0%	\$0
Hay Filtered	129 - 130	Water Filtered	Water Mains	Reticulation	1988	92	80	No	Pre 1990 Asset	\$ 10,960	0.0%	\$0

Existing Assets - Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Filtered	129 - 203	Water Filtered	Water Mains	Reticulation	1988	148	80	No	Pre 1990 Asset	\$ 17,632	0.0%	\$0
Hay Filtered	13 - 14	Water Filtered	Water Mains	Reticulation	1988	74	150	No	Pre 1990 Asset	\$ 14,288	0.0%	\$0
Hay Filtered	13 - 14	Water Filtered	Water Mains	Reticulation	1988	78	150	No	Pre 1990 Asset	\$ 15,060	0.0%	\$0
Hay Filtered	13 - 21	Water Filtered	Water Mains	Reticulation	1988	230	50	No	Pre 1990 Asset	\$ 23,149	0.0%	\$0
Hay Filtered	130 - 131	Water Filtered	Water Mains	Reticulation	1988	92	50	No	Pre 1990 Asset	\$ 9,259	0.0%	\$0
Hay Filtered	131 - 146	Water Filtered	Water Mains	Reticulation	1988	65	50	No	Pre 1990 Asset	\$ 6,542	0.0%	\$0
Hay Filtered	132 - 607	Water Filtered	Water Mains	Reticulation	1988	65	50	No	Pre 1990 Asset	\$ 6,542	0.0%	\$0
Hay Filtered	132 - 204	Water Filtered	Water Mains	Reticulation	1988	110	50	No	Pre 1990 Asset	\$ 11,071	0.0%	\$0
Hay Filtered	133 - 134	Water Filtered	Water Mains	Reticulation	1988	92	100	No	Pre 1990 Asset	\$ 12,188	0.0%	\$0
Hay Filtered	134 - 152	Water Filtered	Water Mains	Reticulation	1988	37	50	No	Pre 1990 Asset	\$ 3,724	0.0%	\$0
Hay Filtered	134 - 206	Water Filtered	Water Mains	Reticulation	1988	9	100	No	Pre 1990 Asset	\$ 1,192	0.0%	\$0
Hay Filtered	135 - 137	Water Filtered	Water Mains	Reticulation	1988	214	80	No	Pre 1990 Asset	\$ 25,494	0.0%	\$0
Hay Filtered	135 - 207	Water Filtered	Water Mains	Reticulation	1988	46	100	No	Pre 1990 Asset	\$ 6,094	0.0%	\$0
Hay Filtered	136 - 208	Water Filtered	Water Mains	Reticulation	1988	78	100	No	Pre 1990 Asset	\$ 10,334	0.0%	\$0
Hay Filtered	136 - 206	Water Filtered	Water Mains	Reticulation	1988	261	50	No	Pre 1990 Asset	\$ 26,269	0.0%	\$0
Hay Filtered	136 - 137	Water Filtered	Water Mains	Reticulation	1988	88	80	No	Pre 1990 Asset	\$ 10,484	0.0%	\$0
Hay Filtered	137 - 140	Water Filtered	Water Mains	Reticulation	1988	280	100	No	Pre 1990 Asset	\$ 37,095	0.0%	\$0
Hay Filtered	138 - 141	Water Filtered	Water Mains	Reticulation	1988	516	100	No	Pre 1990 Asset	\$ 68,361	0.0%	\$0
Hay Filtered	138 - 209	Water Filtered	Water Mains	Reticulation	1988	27	100	No	Pre 1990 Asset	\$ 3,577	0.0%	\$0
Hay Filtered	139 - 140	Water Filtered	Water Mains	Reticulation	1988	77	100	No	Pre 1990 Asset	\$ 10,201	0.0%	\$0
Hay Filtered	139 - 211	Water Filtered	Water Mains	Reticulation	1988	7	100	No	Pre 1990 Asset	\$ 927	0.0%	\$0
Hay Filtered	14 - 15	Water Filtered	Water Mains	Reticulation	1988	74	150	No	Pre 1990 Asset	\$ 14,288	0.0%	\$0
Hay Filtered	140 - 214	Water Filtered	Water Mains	Reticulation	1988	245	80	No	Pre 1990 Asset	\$ 29,187	0.0%	\$0
Hay Filtered	141 - 221	Water Filtered	Water Mains	Reticulation	1988	34	80	No	Pre 1990 Asset	\$ 4,050	0.0%	\$0
Hay Filtered	142 - 216	Water Filtered	Water Mains	Reticulation	1988	48	80	No	Pre 1990 Asset	\$ 5,718	0.0%	\$0
Hay Filtered	142 - 212	Water Filtered	Water Mains	Reticulation	1988	246	50	No	Pre 1990 Asset	\$ 24,759	0.0%	\$0
Hay Filtered	142 - 221	Water Filtered	Water Mains	Reticulation	1988	41	80	No	Pre 1990 Asset	\$ 4,884	0.0%	\$0
Hay Filtered	143 - 214	Water Filtered	Water Mains	Reticulation	1988	280	80	No	Pre 1990 Asset	\$ 33,357	0.0%	\$0
Hay Filtered	143 - 216	Water Filtered	Water Mains	Reticulation	1988	7	80	No	Pre 1990 Asset	\$ 834	0.0%	\$0
Hay Filtered	144 - 154	Water Filtered	Water Mains	Reticulation	1988	120	50	No	Pre 1990 Asset	\$ 12,078	0.0%	\$0
Hay Filtered	146 - 613	Water Filtered	Water Mains	Reticulation	1988	80	50	No	Pre 1990 Asset	\$ 8,052	0.0%	\$0
Hay Filtered	146 - 612	Water Filtered	Water Mains	Reticulation	1988	107	50	No	Pre 1990 Asset	\$ 10,769	0.0%	\$0
Hay Filtered	15 - 22	Water Filtered	Water Mains	Reticulation	1988	230	50	No	Pre 1990 Asset	\$ 23,149	0.0%	\$0
Hay Filtered	150 - 151	Water Filtered	Water Mains	Reticulation	1988	37	50	No	Pre 1990 Asset	\$ 3,724	0.0%	\$0
Hay Filtered	150 - 205	Water Filtered	Water Mains	Reticulation	1988	37	50	No	Pre 1990 Asset	\$ 3,724	0.0%	\$0
Hay Filtered	151 - 206	Water Filtered	Water Mains	Reticulation	1988	28	100	No	Pre 1990 Asset	\$ 3,710	0.0%	\$0
Hay Filtered	151 - 207	Water Filtered	Water Mains	Reticulation	1988	9	100	No	Pre 1990 Asset	\$ 1,192	0.0%	\$0
Hay Filtered	152 - 204	Water Filtered	Water Mains	Reticulation	1988	9	100	No	Pre 1990 Asset	\$ 1,192	0.0%	\$0
Hay Filtered	153 - 167	Water Filtered	Water Mains	Reticulation	1988	37	150	No	Pre 1990 Asset	\$ 7,144	0.0%	\$0
Hay Filtered	154 - 155	Water Filtered	Water Mains	Reticulation	1988	58	100	No	Pre 1990 Asset	\$ 7,684	0.0%	\$0
Hay Filtered	154 - 178	Water Filtered	Water Mains	Reticulation	1988	15	100	No	Pre 1990 Asset	\$ 1,987	0.0%	\$0
Hay Filtered	158 - 172	Water Filtered	Water Mains	Reticulation	1988	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Filtered	158 - 172	Water Filtered	Water Mains	Reticulation	1988	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Filtered	159 - 168	Water Filtered	Water Mains	Reticulation	1988	75	80	No	Pre 1990 Asset	\$ 8,935	0.0%	\$0
Hay Filtered	159 - 160	Water Filtered	Water Mains	Reticulation	1988	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Filtered	159 - 160	Water Filtered	Water Mains	Reticulation	1988	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Filtered	16 - 158	Water Filtered	Water Mains	Reticulation	1988	215	100	No	Pre 1990 Asset	\$ 28,484	0.0%	\$0
Hay Filtered	16 - 223	Water Filtered	Water Mains	Reticulation	1988	10	150	No	Pre 1990 Asset	\$ 1,931	0.0%	\$0
Hay Filtered	160 - 161	Water Filtered	Water Mains	Reticulation	1988	75	80	No	Pre 1990 Asset	\$ 8,935	0.0%	\$0
Hay Filtered	161 - 605	Water Filtered	Water Mains	Reticulation	1988	52	50	No	Pre 1990 Asset	\$ 5,234	0.0%	\$0
Hay Filtered	161 - 617	Water Filtered	Water Mains	Reticulation	1988	35	50	No	Pre 1990 Asset	\$ 3,523	0.0%	\$0
Hay Filtered	162 - 163	Water Filtered	Water Mains	Reticulation	1988	25	50	No	Pre 1990 Asset	\$ 2,516	0.0%	\$0
Hay Filtered	163 - 199	Water Filtered	Water Mains	Reticulation	1988	58	50	No	Pre 1990 Asset	\$ 5,837	0.0%	\$0
Hay Filtered	164 - 200	Water Filtered	Water Mains	Reticulation	1988	58	50	No	Pre 1990 Asset	\$ 5,837	0.0%	\$0
Hay Filtered	168 - 169	Water Filtered	Water Mains	Reticulation	1988	117	80	No	Pre 1990 Asset	\$ 13,938	0.0%	\$0
Hay Filtered	169 - 623	Water Filtered	Water Mains	Reticulation	1988	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Filtered	169 - 170	Water Filtered	Water Mains	Reticulation	1988	113	80	No	Pre 1990 Asset	\$ 13,462	0.0%	\$0
Hay Filtered	17 - 22	Water Filtered	Water Mains	Reticulation	1988	58	80	No	Pre 1990 Asset	\$ 6,910	0.0%	\$0
Hay Filtered	17 - 159	Water Filtered	Water Mains	Reticulation	1988	210	100	No	Pre 1990 Asset	\$ 27,821	0.0%	\$0
Hay Filtered	17 - 159	Water Filtered	Water Mains	Reticulation	1988	210	100	No	Pre 1990 Asset	\$ 27,821	0.0%	\$0
Hay Filtered	17 - 172	Water Filtered	Water Mains	Reticulation	1988	58	100	No	Pre 1990 Asset	\$ 7,684	0.0%	\$0
Hay Filtered	17 - 172	Water Filtered	Water Mains	Reticulation	1988	58	100	No	Pre 1990 Asset	\$ 7,684	0.0%	\$0
Hay Filtered	178 - 179	Water Filtered	Water Mains	Reticulation	1988	30	50	No	Pre 1990 Asset	\$ 3,019	0.0%	\$0

Existing Assets - Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Filtered	18 - 23	Water Filtered	Water Mains	Reticulation	1988	77	50	No	Pre 1990 Asset	\$ 7,750	0.0%	\$0
Hay Filtered	18 - 153	Water Filtered	Water Mains	Reticulation	1988	20	80	No	Pre 1990 Asset	\$ 2,383	0.0%	\$0
Hay Filtered	180 - 620	Water Filtered	Water Mains	Reticulation	1988	37	50	No	Pre 1990 Asset	\$ 3,724	0.0%	\$0
Hay Filtered	181 - 600	Water Filtered	Water Mains	Reticulation	1988	45	50	No	Pre 1990 Asset	\$ 4,529	0.0%	\$0
Hay Filtered	182 - 183	Water Filtered	Water Mains	Reticulation	1988	82	50	No	Pre 1990 Asset	\$ 8,253	0.0%	\$0
Hay Filtered	183 - 184	Water Filtered	Water Mains	Reticulation	1988	5	50	No	Pre 1990 Asset	\$ 503	0.0%	\$0
Hay Filtered	184 - 185	Water Filtered	Water Mains	Reticulation	1988	15	80	No	Pre 1990 Asset	\$ 1,787	0.0%	\$0
Hay Filtered	186 - 601	Water Filtered	Water Mains	Reticulation	1988	25	50	No	Pre 1990 Asset	\$ 2,516	0.0%	\$0
Hay Filtered	188 - 220	Water Filtered	Water Mains	Reticulation	1988	10	300	No	Pre 1990 Asset	\$ 4,272	0.0%	\$0
Hay Filtered	19 - 26	Water Filtered	Water Mains	Reticulation	1988	172	50	No	Pre 1990 Asset	\$ 17,311	0.0%	\$0
Hay Filtered	19 - 29	Water Filtered	Water Mains	Reticulation	1988	98	50	No	Pre 1990 Asset	\$ 9,863	0.0%	\$0
Hay Filtered	19 - 23	Water Filtered	Water Mains	Reticulation	1988	110	50	No	Pre 1990 Asset	\$ 11,071	0.0%	\$0
Hay Filtered	190 - 622	Water Filtered	Water Mains	Reticulation	1988	80	50	No	Pre 1990 Asset	\$ 8,052	0.0%	\$0
Hay Filtered	192 - 193	Water Filtered	Water Mains	Reticulation	1988	10	50	No	Pre 1990 Asset	\$ 1,006	0.0%	\$0
Hay Filtered	194 - 195	Water Filtered	Water Mains	Reticulation	1988	10	50	No	Pre 1990 Asset	\$ 1,006	0.0%	\$0
Hay Filtered	198 - 201	Water Filtered	Water Mains	Reticulation	1988	25	100	No	Pre 1990 Asset	\$ 3,312	0.0%	\$0
Hay Filtered	2 - 3	Water Filtered	Water Mains	Reticulation	1988	58	50	No	Pre 1990 Asset	\$ 5,837	0.0%	\$0
Hay Filtered	2 - 6	Water Filtered	Water Mains	Reticulation	1988	230	80	No	Pre 1990 Asset	\$ 27,400	0.0%	\$0
Hay Filtered	20 - 26	Water Filtered	Water Mains	Reticulation	1988	110	200	No	Pre 1990 Asset	\$ 29,033	0.0%	\$0
Hay Filtered	20 - 157	Water Filtered	Water Mains	Reticulation	1988	80	80	No	Pre 1990 Asset	\$ 9,531	0.0%	\$0
Hay Filtered	20 - 23	Water Filtered	Water Mains	Reticulation	1988	166	50	No	Pre 1990 Asset	\$ 16,707	0.0%	\$0
Hay Filtered	205 - 619	Water Filtered	Water Mains	Reticulation	1988	65	50	No	Pre 1990 Asset	\$ 6,542	0.0%	\$0
Hay Filtered	208 - 209	Water Filtered	Water Mains	Reticulation	1988	297	100	No	Pre 1990 Asset	\$ 39,347	0.0%	\$0
Hay Filtered	209 - 210	Water Filtered	Water Mains	Reticulation	1988	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Filtered	21 - 157	Water Filtered	Water Mains	Reticulation	1988	58	80	No	Pre 1990 Asset	\$ 6,910	0.0%	\$0
Hay Filtered	21 - 156	Water Filtered	Water Mains	Reticulation	1988	80	80	No	Pre 1990 Asset	\$ 9,531	0.0%	\$0
Hay Filtered	210 - 211	Water Filtered	Water Mains	Reticulation	1988	14	100	No	Pre 1990 Asset	\$ 1,855	0.0%	\$0
Hay Filtered	216 - 621	Water Filtered	Water Mains	Reticulation	1988	27	50	No	Pre 1990 Asset	\$ 2,717	0.0%	\$0
Hay Filtered	22 - 156	Water Filtered	Water Mains	Reticulation	1988	80	80	No	Pre 1990 Asset	\$ 9,531	0.0%	\$0
Hay Filtered	221 - 604	Water Filtered	Water Mains	Reticulation	1988	230	50	No	Pre 1990 Asset	\$ 23,149	0.0%	\$0
Hay Filtered	222 - 223	Water Filtered	Water Mains	Reticulation	1988	10	50	No	Pre 1990 Asset	\$ 1,006	0.0%	\$0
Hay Filtered	222 - 625	Water Filtered	Water Mains	Reticulation	1988	70	50	No	Pre 1990 Asset	\$ 7,045	0.0%	\$0
Hay Filtered	24 - 25	Water Filtered	Water Mains	Reticulation	1988	28	150	No	Pre 1990 Asset	\$ 5,406	0.0%	\$0
Hay Filtered	24 - 153	Water Filtered	Water Mains	Reticulation	1988	74	150	No	Pre 1990 Asset	\$ 14,288	0.0%	\$0
Hay Filtered	25 - 128	Water Filtered	Water Mains	Reticulation	1988	110	150	No	Pre 1990 Asset	\$ 21,238	0.0%	\$0
Hay Filtered	26 - 31	Water Filtered	Water Mains	Reticulation	1988	98	200	No	Pre 1990 Asset	\$ 25,866	0.0%	\$0
Hay Filtered	27 - 212	Water Filtered	Water Mains	Reticulation	1988	20	50	No	Pre 1990 Asset	\$ 2,013	0.0%	\$0
Hay Filtered	27 - 139	Water Filtered	Water Mains	Reticulation	1988	280	50	No	Pre 1990 Asset	\$ 28,181	0.0%	\$0
Hay Filtered	28 - 153	Water Filtered	Water Mains	Reticulation	1988	215	80	No	Pre 1990 Asset	\$ 25,613	0.0%	\$0
Hay Filtered	28 - 56	Water Filtered	Water Mains	Reticulation	1988	230	80	No	Pre 1990 Asset	\$ 27,400	0.0%	\$0
Hay Filtered	28 - 29	Water Filtered	Water Mains	Reticulation	1988	102	80	No	Pre 1990 Asset	\$ 12,151	0.0%	\$0
Hay Filtered	29 - 30	Water Filtered	Water Mains	Reticulation	1988	68	80	No	Pre 1990 Asset	\$ 8,101	0.0%	\$0
Hay Filtered	3 - 614	Water Filtered	Water Mains	Reticulation	1988	86	50	No	Pre 1990 Asset	\$ 8,656	0.0%	\$0
Hay Filtered	30 - 31	Water Filtered	Water Mains	Reticulation	1988	96	80	No	Pre 1990 Asset	\$ 11,437	0.0%	\$0
Hay Filtered	30 - 57	Water Filtered	Water Mains	Reticulation	1988	233	50	No	Pre 1990 Asset	\$ 23,451	0.0%	\$0
Hay Filtered	31 - 32	Water Filtered	Water Mains	Reticulation	1988	20	200	No	Pre 1990 Asset	\$ 5,279	0.0%	\$0
Hay Filtered	32 - 61	Water Filtered	Water Mains	Reticulation	1988	58	80	No	Pre 1990 Asset	\$ 6,910	0.0%	\$0
Hay Filtered	32 - 58	Water Filtered	Water Mains	Reticulation	1988	230	200	No	Pre 1990 Asset	\$ 60,706	0.0%	\$0
Hay Filtered	33 - 34	Water Filtered	Water Mains	Reticulation	1988	77	80	No	Pre 1990 Asset	\$ 9,173	0.0%	\$0
Hay Filtered	33 - 59	Water Filtered	Water Mains	Reticulation	1988	230	50	No	Pre 1990 Asset	\$ 23,149	0.0%	\$0
Hay Filtered	33 - 61	Water Filtered	Water Mains	Reticulation	1988	58	80	No	Pre 1990 Asset	\$ 6,910	0.0%	\$0
Hay Filtered	34 - 156	Water Filtered	Water Mains	Reticulation	1988	210	50	No	Pre 1990 Asset	\$ 21,136	0.0%	\$0
Hay Filtered	34 - 168	Water Filtered	Water Mains	Reticulation	1988	58	80	No	Pre 1990 Asset	\$ 6,910	0.0%	\$0
Hay Filtered	34 - 156	Water Filtered	Water Mains	Reticulation	1988	210	50	No	Pre 1990 Asset	\$ 21,136	0.0%	\$0
Hay Filtered	35 - 113	Water Filtered	Water Mains	Reticulation	1988	105	150	No	Pre 1990 Asset	\$ 20,273	0.0%	\$0
Hay Filtered	35 - 196	Water Filtered	Water Mains	Reticulation	1988	199	150	No	Pre 1990 Asset	\$ 38,422	0.0%	\$0
Hay Filtered	36 - 37	Water Filtered	Water Mains	Reticulation	1988	50	80	No	Pre 1990 Asset	\$ 5,957	0.0%	\$0
Hay Filtered	36 - 154	Water Filtered	Water Mains	Reticulation	1988	217	80	No	Pre 1990 Asset	\$ 25,852	0.0%	\$0
Hay Filtered	37 - 155	Water Filtered	Water Mains	Reticulation	1988	215	50	No	Pre 1990 Asset	\$ 21,639	0.0%	\$0
Hay Filtered	37 - 38	Water Filtered	Water Mains	Reticulation	1988	77	80	No	Pre 1990 Asset	\$ 9,173	0.0%	\$0
Hay Filtered	38 - 177	Water Filtered	Water Mains	Reticulation	1988	215	50	No	Pre 1990 Asset	\$ 21,639	0.0%	\$0
Hay Filtered	38 - 175	Water Filtered	Water Mains	Reticulation	1988	34	80	No	Pre 1990 Asset	\$ 4,050	0.0%	\$0
Hay Filtered	39 - 71	Water Filtered	Water Mains	Reticulation	1988	40	200	No	Pre 1990 Asset	\$ 10,558	0.0%	\$0

Existing Assets - Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Filtered	4 - 5	Water Filtered	Water Mains	Reticulation	1988	80	50	No	Pre 1990 Asset	\$ 8,052	0.0%	\$0
Hay Filtered	4 - 13	Water Filtered	Water Mains	Reticulation	1988	130	50	No	Pre 1990 Asset	\$ 13,084	0.0%	\$0
Hay Filtered	40 - 171	Water Filtered	Water Mains	Reticulation	1988	33	80	No	Pre 1990 Asset	\$ 3,931	0.0%	\$0
Hay Filtered	40 - 175	Water Filtered	Water Mains	Reticulation	1988	59	80	No	Pre 1990 Asset	\$ 7,029	0.0%	\$0
Hay Filtered	42 - 51	Water Filtered	Water Mains	Reticulation	1988	99	80	No	Pre 1990 Asset	\$ 11,794	0.0%	\$0
Hay Filtered	42 - 182	Water Filtered	Water Mains	Reticulation	1988	66	50	No	Pre 1990 Asset	\$ 6,643	0.0%	\$0
Hay Filtered	42 - 186	Water Filtered	Water Mains	Reticulation	1988	78	50	No	Pre 1990 Asset	\$ 7,850	0.0%	\$0
Hay Filtered	43 - 133	Water Filtered	Water Mains	Reticulation	1988	261	100	No	Pre 1990 Asset	\$ 34,578	0.0%	\$0
Hay Filtered	43 - 208	Water Filtered	Water Mains	Reticulation	1988	33	100	No	Pre 1990 Asset	\$ 4,372	0.0%	\$0
Hay Filtered	44 - 181	Water Filtered	Water Mains	Reticulation	1988	20	50	No	Pre 1990 Asset	\$ 2,013	0.0%	\$0
Hay Filtered	44 - 181	Water Filtered	Water Mains	Reticulation	1988	28	50	No	Pre 1990 Asset	\$ 2,818	0.0%	\$0
Hay Filtered	44 - 182	Water Filtered	Water Mains	Reticulation	1988	98	50	No	Pre 1990 Asset	\$ 9,863	0.0%	\$0
Hay Filtered	44 - 180	Water Filtered	Water Mains	Reticulation	1988	51	50	No	Pre 1990 Asset	\$ 5,133	0.0%	\$0
Hay Filtered	46 - 173	Water Filtered	Water Mains	Reticulation	1988	23	80	No	Pre 1990 Asset	\$ 2,740	0.0%	\$0
Hay Filtered	46 - 50	Water Filtered	Water Mains	Reticulation	1988	20	80	No	Pre 1990 Asset	\$ 2,383	0.0%	\$0
Hay Filtered	46 - 171	Water Filtered	Water Mains	Reticulation	1988	138	80	No	Pre 1990 Asset	\$ 16,440	0.0%	\$0
Hay Filtered	47 - 201	Water Filtered	Water Mains	Reticulation	1988	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Filtered	47 - 99	Water Filtered	Water Mains	Reticulation	1988	210	100	No	Pre 1990 Asset	\$ 27,821	0.0%	\$0
Hay Filtered	48 - 155	Water Filtered	Water Mains	Reticulation	1988	45	100	No	Pre 1990 Asset	\$ 5,962	0.0%	\$0
Hay Filtered	48 - 176	Water Filtered	Water Mains	Reticulation	1988	56	100	No	Pre 1990 Asset	\$ 7,419	0.0%	\$0
Hay Filtered	48 - 177	Water Filtered	Water Mains	Reticulation	1988	32	50	No	Pre 1990 Asset	\$ 3,221	0.0%	\$0
Hay Filtered	49 - 50	Water Filtered	Water Mains	Reticulation	1988	32	80	No	Pre 1990 Asset	\$ 3,812	0.0%	\$0
Hay Filtered	49 - 54	Water Filtered	Water Mains	Reticulation	1988	53	100	No	Pre 1990 Asset	\$ 7,022	0.0%	\$0
Hay Filtered	5 - 6	Water Filtered	Water Mains	Reticulation	1988	135	50	No	Pre 1990 Asset	\$ 13,587	0.0%	\$0
Hay Filtered	51 - 185	Water Filtered	Water Mains	Reticulation	1988	66	150	No	Pre 1990 Asset	\$ 12,743	0.0%	\$0
Hay Filtered	51 - 66	Water Filtered	Water Mains	Reticulation	1988	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Filtered	52 - 53	Water Filtered	Water Mains	Reticulation	1988	92	150	No	Pre 1990 Asset	\$ 17,763	0.0%	\$0
Hay Filtered	52 - 185	Water Filtered	Water Mains	Reticulation	1988	97	150	No	Pre 1990 Asset	\$ 18,728	0.0%	\$0
Hay Filtered	52 - 180	Water Filtered	Water Mains	Reticulation	1988	55	50	No	Pre 1990 Asset	\$ 5,536	0.0%	\$0
Hay Filtered	53 - 178	Water Filtered	Water Mains	Reticulation	1988	45	100	No	Pre 1990 Asset	\$ 5,962	0.0%	\$0
Hay Filtered	54 - 176	Water Filtered	Water Mains	Reticulation	1988	64	100	No	Pre 1990 Asset	\$ 8,479	0.0%	\$0
Hay Filtered	55 - 174	Water Filtered	Water Mains	Reticulation	1988	78	100	No	Pre 1990 Asset	\$ 10,334	0.0%	\$0
Hay Filtered	55 - 173	Water Filtered	Water Mains	Reticulation	1988	72	80	No	Pre 1990 Asset	\$ 8,578	0.0%	\$0
Hay Filtered	56 - 174	Water Filtered	Water Mains	Reticulation	1988	10	80	No	Pre 1990 Asset	\$ 1,191	0.0%	\$0
Hay Filtered	56 - 57	Water Filtered	Water Mains	Reticulation	1988	168	80	No	Pre 1990 Asset	\$ 20,014	0.0%	\$0
Hay Filtered	57 - 58	Water Filtered	Water Mains	Reticulation	1988	122	80	No	Pre 1990 Asset	\$ 14,534	0.0%	\$0
Hay Filtered	58 - 59	Water Filtered	Water Mains	Reticulation	1988	130	80	No	Pre 1990 Asset	\$ 15,487	0.0%	\$0
Hay Filtered	58 - 72	Water Filtered	Water Mains	Reticulation	1988	20	200	No	Pre 1990 Asset	\$ 5,279	0.0%	\$0
Hay Filtered	59 - 73	Water Filtered	Water Mains	Reticulation	1988	20	80	No	Pre 1990 Asset	\$ 2,383	0.0%	\$0
Hay Filtered	6 - 7	Water Filtered	Water Mains	Reticulation	1988	230	80	No	Pre 1990 Asset	\$ 27,400	0.0%	\$0
Hay Filtered	60 - 161	Water Filtered	Water Mains	Reticulation	1988	260	50	No	Pre 1990 Asset	\$ 26,168	0.0%	\$0
Hay Filtered	60 - 616	Water Filtered	Water Mains	Reticulation	1988	80	50	No	Pre 1990 Asset	\$ 8,052	0.0%	\$0
Hay Filtered	60 - 158	Water Filtered	Water Mains	Reticulation	1988	35	100	No	Pre 1990 Asset	\$ 4,637	0.0%	\$0
Hay Filtered	61 - 157	Water Filtered	Water Mains	Reticulation	1988	210	50	No	Pre 1990 Asset	\$ 21,136	0.0%	\$0
Hay Filtered	62 - 160	Water Filtered	Water Mains	Reticulation	1988	230	100	No	Pre 1990 Asset	\$ 30,471	0.0%	\$0
Hay Filtered	62 - 75	Water Filtered	Water Mains	Reticulation	1988	58	100	No	Pre 1990 Asset	\$ 7,684	0.0%	\$0
Hay Filtered	62 - 74	Water Filtered	Water Mains	Reticulation	1988	56	80	No	Pre 1990 Asset	\$ 6,671	0.0%	\$0
Hay Filtered	62 - 160	Water Filtered	Water Mains	Reticulation	1988	220	100	No	Pre 1990 Asset	\$ 29,146	0.0%	\$0
Hay Filtered	62 - 75	Water Filtered	Water Mains	Reticulation	1988	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Filtered	63 - 76	Water Filtered	Water Mains	Reticulation	1988	45	200	No	Pre 1990 Asset	\$ 11,877	0.0%	\$0
Hay Filtered	63 - 187	Water Filtered	Water Mains	Reticulation	1988	25	200	No	Pre 1990 Asset	\$ 6,598	0.0%	\$0
Hay Filtered	63 - 167	Water Filtered	Water Mains	Reticulation	1988	425	150	No	Pre 1990 Asset	\$ 82,057	0.0%	\$0
Hay Filtered	64 - 65	Water Filtered	Water Mains	Reticulation	1988	25	150	No	Pre 1990 Asset	\$ 4,827	0.0%	\$0
Hay Filtered	64 - 83	Water Filtered	Water Mains	Reticulation	1988	220	50	No	Pre 1990 Asset	\$ 22,142	0.0%	\$0
Hay Filtered	64 - 187	Water Filtered	Water Mains	Reticulation	1988	98	150	No	Pre 1990 Asset	\$ 18,921	0.0%	\$0
Hay Filtered	65 - 66	Water Filtered	Water Mains	Reticulation	1988	73	150	No	Pre 1990 Asset	\$ 14,095	0.0%	\$0
Hay Filtered	65 - 84	Water Filtered	Water Mains	Reticulation	1988	220	50	No	Pre 1990 Asset	\$ 22,142	0.0%	\$0
Hay Filtered	66 - 67	Water Filtered	Water Mains	Reticulation	1988	92	80	No	Pre 1990 Asset	\$ 10,960	0.0%	\$0
Hay Filtered	67 - 68	Water Filtered	Water Mains	Reticulation	1988	117	80	No	Pre 1990 Asset	\$ 13,938	0.0%	\$0
Hay Filtered	67 - 190	Water Filtered	Water Mains	Reticulation	1988	68	50	No	Pre 1990 Asset	\$ 6,844	0.0%	\$0
Hay Filtered	68 - 87	Water Filtered	Water Mains	Reticulation	1988	220	50	No	Pre 1990 Asset	\$ 22,142	0.0%	\$0
Hay Filtered	68 - 69	Water Filtered	Water Mains	Reticulation	1988	140	80	No	Pre 1990 Asset	\$ 16,678	0.0%	\$0
Hay Filtered	69 - 194	Water Filtered	Water Mains	Reticulation	1988	25	50	No	Pre 1990 Asset	\$ 2,516	0.0%	\$0

Existing Assets - Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Filtered	69 - 70	Water Filtered	Water Mains	Reticulation	1988	237	80	No	Pre 1990 Asset	\$ 28,234	0.0%	\$0
Hay Filtered	7 - 14	Water Filtered	Water Mains	Reticulation	1988	137	150	No	Pre 1990 Asset	\$ 26,451	0.0%	\$0
Hay Filtered	7 - 15	Water Filtered	Water Mains	Reticulation	1988	58	150	No	Pre 1990 Asset	\$ 11,198	0.0%	\$0
Hay Filtered	7 - 16	Water Filtered	Water Mains	Reticulation	1988	58	150	No	Pre 1990 Asset	\$ 11,198	0.0%	\$0
Hay Filtered	7 - 16	Water Filtered	Water Mains	Reticulation	1988	56	150	No	Pre 1990 Asset	\$ 10,812	0.0%	\$0
Hay Filtered	70 - 72	Water Filtered	Water Mains	Reticulation	1988	273	80	No	Pre 1990 Asset	\$ 32,523	0.0%	\$0
Hay Filtered	70 - 192	Water Filtered	Water Mains	Reticulation	1988	25	50	No	Pre 1990 Asset	\$ 2,516	0.0%	\$0
Hay Filtered	72 - 92	Water Filtered	Water Mains	Reticulation	1988	220	200	No	Pre 1990 Asset	\$ 58,067	0.0%	\$0
Hay Filtered	72 - 73	Water Filtered	Water Mains	Reticulation	1988	120	80	No	Pre 1990 Asset	\$ 14,296	0.0%	\$0
Hay Filtered	73 - 93	Water Filtered	Water Mains	Reticulation	1988	220	50	No	Pre 1990 Asset	\$ 22,142	0.0%	\$0
Hay Filtered	73 - 170	Water Filtered	Water Mains	Reticulation	1988	137	80	No	Pre 1990 Asset	\$ 16,321	0.0%	\$0
Hay Filtered	74 - 94	Water Filtered	Water Mains	Reticulation	1988	220	50	No	Pre 1990 Asset	\$ 22,142	0.0%	\$0
Hay Filtered	74 - 170	Water Filtered	Water Mains	Reticulation	1988	20	80	No	Pre 1990 Asset	\$ 2,383	0.0%	\$0
Hay Filtered	75 - 95	Water Filtered	Water Mains	Reticulation	1988	220	100	No	Pre 1990 Asset	\$ 29,146	0.0%	\$0
Hay Filtered	76 - 80	Water Filtered	Water Mains	Reticulation	1988	248	50	No	Pre 1990 Asset	\$ 24,960	0.0%	\$0
Hay Filtered	76 - 82	Water Filtered	Water Mains	Reticulation	1988	150	250	No	Pre 1990 Asset	\$ 51,915	0.0%	\$0
Hay Filtered	76 - 100	Water Filtered	Water Mains	Reticulation	1988	141	50	No	Pre 1990 Asset	\$ 14,191	0.0%	\$0
Hay Filtered	76 - 199	Water Filtered	Water Mains	Reticulation	1988	210	50	No	Pre 1990 Asset	\$ 21,136	0.0%	\$0
Hay Filtered	76 - 202	Water Filtered	Water Mains	Reticulation	1988	84	50	No	Pre 1990 Asset	\$ 8,454	0.0%	\$0
Hay Filtered	77 - 79	Water Filtered	Water Mains	Reticulation	1988	44	50	No	Pre 1990 Asset	\$ 4,428	0.0%	\$0
Hay Filtered	77 - 193	Water Filtered	Water Mains	Reticulation	1988	44	50	No	Pre 1990 Asset	\$ 4,428	0.0%	\$0
Hay Filtered	77 - 602	Water Filtered	Water Mains	Reticulation	1988	95	50	No	Pre 1990 Asset	\$ 9,561	0.0%	\$0
Hay Filtered	79 - 603	Water Filtered	Water Mains	Reticulation	1988	95	50	No	Pre 1990 Asset	\$ 9,561	0.0%	\$0
Hay Filtered	79 - 90	Water Filtered	Water Mains	Reticulation	1988	116	50	No	Pre 1990 Asset	\$ 11,675	0.0%	\$0
Hay Filtered	80 - 109	Water Filtered	Water Mains	Reticulation	1988	81	100	No	Pre 1990 Asset	\$ 10,731	0.0%	\$0
Hay Filtered	80 - 108	Water Filtered	Water Mains	Reticulation	1988	80	100	No	Pre 1990 Asset	\$ 10,599	0.0%	\$0
Hay Filtered	81 - 124	Water Filtered	Water Mains	Reticulation	1988	20	80	No	Pre 1990 Asset	\$ 2,383	0.0%	\$0
Hay Filtered	81 - 127	Water Filtered	Water Mains	Reticulation	1988	166	80	No	Pre 1990 Asset	\$ 19,776	0.0%	\$0
Hay Filtered	82 - 83	Water Filtered	Water Mains	Reticulation	1988	98	250	No	Pre 1990 Asset	\$ 33,918	0.0%	\$0
Hay Filtered	82 - 188	Water Filtered	Water Mains	Reticulation	1988	45	300	No	Pre 1990 Asset	\$ 19,225	0.0%	\$0
Hay Filtered	83 - 84	Water Filtered	Water Mains	Reticulation	1988	25	250	No	Pre 1990 Asset	\$ 8,652	0.0%	\$0
Hay Filtered	84 - 85	Water Filtered	Water Mains	Reticulation	1988	107	250	No	Pre 1990 Asset	\$ 37,033	0.0%	\$0
Hay Filtered	85 - 96	Water Filtered	Water Mains	Reticulation	1988	147	150	No	Pre 1990 Asset	\$ 28,382	0.0%	\$0
Hay Filtered	86 - 86	Water Filtered	Water Mains	Reticulation	1988	21	250	No	Pre 1990 Asset	\$ 7,268	0.0%	\$0
Hay Filtered	86 - 87	Water Filtered	Water Mains	Reticulation	1988	110	250	No	Pre 1990 Asset	\$ 38,071	0.0%	\$0
Hay Filtered	86 - 190	Water Filtered	Water Mains	Reticulation	1988	152	50	No	Pre 1990 Asset	\$ 15,298	0.0%	\$0
Hay Filtered	87 - 88	Water Filtered	Water Mains	Reticulation	1988	40	250	No	Pre 1990 Asset	\$ 13,844	0.0%	\$0
Hay Filtered	88 - 98	Water Filtered	Water Mains	Reticulation	1988	155	50	No	Pre 1990 Asset	\$ 15,600	0.0%	\$0
Hay Filtered	88 - 89	Water Filtered	Water Mains	Reticulation	1988	110	250	No	Pre 1990 Asset	\$ 38,071	0.0%	\$0
Hay Filtered	88 - 89	Water Filtered	Water Mains	Reticulation	1988	60	250	No	Pre 1990 Asset	\$ 20,766	0.0%	\$0
Hay Filtered	89 - 195	Water Filtered	Water Mains	Reticulation	1988	195	50	No	Pre 1990 Asset	\$ 19,626	0.0%	\$0
Hay Filtered	89 - 106	Water Filtered	Water Mains	Reticulation	1988	480	80	No	Pre 1990 Asset	\$ 57,183	0.0%	\$0
Hay Filtered	89 - 90	Water Filtered	Water Mains	Reticulation	1988	241	250	No	Pre 1990 Asset	\$ 83,410	0.0%	\$0
Hay Filtered	9 - 18	Water Filtered	Water Mains	Reticulation	1988	233	80	No	Pre 1990 Asset	\$ 27,758	0.0%	\$0
Hay Filtered	9 - 154	Water Filtered	Water Mains	Reticulation	1988	257	80	No	Pre 1990 Asset	\$ 30,617	0.0%	\$0
Hay Filtered	90 - 91	Water Filtered	Water Mains	Reticulation	1988	143	250	No	Pre 1990 Asset	\$ 49,492	0.0%	\$0
Hay Filtered	91 - 161	Water Filtered	Water Mains	Reticulation	1988	55	50	No	Pre 1990 Asset	\$ 5,536	0.0%	\$0
Hay Filtered	91 - 92	Water Filtered	Water Mains	Reticulation	1988	148	250	No	Pre 1990 Asset	\$ 51,223	0.0%	\$0
Hay Filtered	92 - 198	Water Filtered	Water Mains	Reticulation	1988	19	200	No	Pre 1990 Asset	\$ 5,015	0.0%	\$0
Hay Filtered	93 - 162	Water Filtered	Water Mains	Reticulation	1988	135	100	No	Pre 1990 Asset	\$ 17,885	0.0%	\$0
Hay Filtered	93 - 198	Water Filtered	Water Mains	Reticulation	1988	101	100	No	Pre 1990 Asset	\$ 13,381	0.0%	\$0
Hay Filtered	93 - 164	Water Filtered	Water Mains	Reticulation	1988	25	50	No	Pre 1990 Asset	\$ 2,516	0.0%	\$0
Hay Filtered	94 - 202	Water Filtered	Water Mains	Reticulation	1988	230	50	No	Pre 1990 Asset	\$ 23,149	0.0%	\$0
Hay Filtered	94 - 162	Water Filtered	Water Mains	Reticulation	1988	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Filtered	94 - 95	Water Filtered	Water Mains	Reticulation	1988	122	100	No	Pre 1990 Asset	\$ 16,163	0.0%	\$0
Hay Filtered	95 - 102	Water Filtered	Water Mains	Reticulation	1988	230	100	No	Pre 1990 Asset	\$ 30,471	0.0%	\$0
Hay Filtered	96 - 97	Water Filtered	Water Mains	Reticulation	1988	97	50	No	Pre 1990 Asset	\$ 9,763	0.0%	\$0
Hay Filtered	96 - 147	Water Filtered	Water Mains	Reticulation	1988	130	150	No	Pre 1990 Asset	\$ 25,100	0.0%	\$0
Hay Filtered	97 - 98	Water Filtered	Water Mains	Reticulation	1988	43	50	No	Pre 1990 Asset	\$ 4,328	0.0%	\$0
Hay Filtered	97 - 606	Water Filtered	Water Mains	Reticulation	1988	61	50	No	Pre 1990 Asset	\$ 6,139	0.0%	\$0
Hay Filtered	98 - 148	Water Filtered	Water Mains	Reticulation	1988	130	50	No	Pre 1990 Asset	\$ 13,084	0.0%	\$0
Hay Filtered	99 - 100	Water Filtered	Water Mains	Reticulation	1988	59	50	No	Pre 1990 Asset	\$ 5,938	0.0%	\$0
Hay Filtered	99 - 107	Water Filtered	Water Mains	Reticulation	1988	248	100	No	Pre 1990 Asset	\$ 32,856	0.0%	\$0

Existing Assets - Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Filtered	Cadell St WTP	Water Filtered	Water Pumping Stations	Distribution	1988			No	Pre 1990 Asset	\$ 56,177	0.0%	\$0
Hay Filtered	Cadell St WTP	Water Filtered	Water Pumping Stations	Distribution	1988			No	Pre 1990 Asset	\$ 94,792	0.0%	\$0
Hay Filtered	Cadell St WTP	Water Filtered	Water Treatment Works	Conventional	1988			No	Pre 1990 Asset	\$ 1,281,696	0.0%	\$0
Hay Filtered	Cadell St WTP	Water Filtered	Water Treatment Works	Conventional	1988			No	Pre 1990 Asset	\$ 1,922,544	0.0%	\$0
Hay Filtered	Murray St intake works	Water Filtered	Water Intake Works	All	1988			No	Pre 1990 Asset	\$ 111,059	0.0%	\$0
Hay Filtered	Murray St intake works	Water Filtered	Water Intake Works	All	1988			No	Pre 1990 Asset	\$ 222,117	0.0%	\$0
Hay Filtered	Murray St pumping	Water Filtered	Water Pumping Stations	Distribution	1988			yes	Pre 1990 Asset	\$ 122,597	0.0%	\$0
Hay Filtered	Murray St pumping	Water Filtered	Water Pumping Stations	Distribution	1988			No	Pre 1990 Asset	\$ 49,851	0.0%	\$0
Hay Filtered	Murray St pumping	Water Filtered	Water Pumping Stations	Distribution	1988			No	Pre 1990 Asset	\$ 82,222	0.0%	\$0
Hay Filtered	Murray St to WTP	Water Filtered	Water Mains	Trunk	1988			No	Pre 1990 Asset	\$ 582,823	0.0%	\$0
Hay Filtered	Pine St	Water Filtered	Water Reservoirs	Standpipe	1988			No	Pre 1990 Asset	\$ 157,901	0.0%	\$0
Hay Filtered	Pine St	Water Filtered	Water Reservoirs	Standpipe	1988			No	Pre 1990 Asset	\$ 894,774	0.0%	\$0

Calculation of the Recoverable Proportion:

Areas served by Assets	ET Uptake 1995/96 - 2050/51	Total ET 2050/51	Growth Proportion
Hay Raw	630	2,100	30.0%

Existing Assets - Raw Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Raw Water	42 - 46	Water Raw	Reticulation		1930	20	225	No	Pre 1990 Asset	\$ 6,100	0.0%	\$0
Hay Raw Water	43 - 54	Water Raw	Reticulation		1930	3	225	No	Pre 1990 Asset	\$ 915	0.0%	\$0
Hay Raw Water	46 - 55	Water Raw	Reticulation		1930	160	225	No	Pre 1990 Asset	\$ 48,803	0.0%	\$0
Hay Raw Water	85 - 86	Water Raw	Reticulation		1930	140	150	No	Pre 1990 Asset	\$ 27,031	0.0%	\$0
Hay Raw Water	86 - 88	Water Raw	Reticulation		1930	130	150	No	Pre 1990 Asset	\$ 25,100	0.0%	\$0
Hay Raw Water	1 - 7	Water Raw	Reticulation		1940	210	100	No	Pre 1990 Asset	\$ 27,821	0.0%	\$0
Hay Raw Water	10 - 11	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	10 - 16	Water Raw	Reticulation		1940	220	100	No	Pre 1990 Asset	\$ 29,146	0.0%	\$0
Hay Raw Water	101 - 102	Water Raw	Reticulation		1940	175	100	No	Pre 1990 Asset	\$ 23,185	0.0%	\$0
Hay Raw Water	102 - 621	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	102 - 106	Water Raw	Reticulation		1940	220	100	No	Pre 1990 Asset	\$ 29,146	0.0%	\$0
Hay Raw Water	103 - 104	Water Raw	Reticulation		1940	140	200	No	Pre 1990 Asset	\$ 36,951	0.0%	\$0
Hay Raw Water	104 - 111	Water Raw	Reticulation		1940	230	200	No	Pre 1990 Asset	\$ 60,706	0.0%	\$0
Hay Raw Water	105 - 624	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	106 - 119	Water Raw	Reticulation		1940	370	100	No	Pre 1990 Asset	\$ 49,019	0.0%	\$0
Hay Raw Water	106 - 107	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	107 - 108	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	108 - 114	Water Raw	Reticulation		1940	170	100	No	Pre 1990 Asset	\$ 22,522	0.0%	\$0
Hay Raw Water	108 - 109	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	109 - 110	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	11 - 17	Water Raw	Reticulation		1940	220	100	No	Pre 1990 Asset	\$ 29,146	0.0%	\$0
Hay Raw Water	110 - 111	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	110 - 625	Water Raw	Reticulation		1940	160	100	No	Pre 1990 Asset	\$ 21,197	0.0%	\$0
Hay Raw Water	111 - 264	Water Raw	Reticulation		1940	240	200	No	Pre 1990 Asset	\$ 63,345	0.0%	\$0
Hay Raw Water	118 - 119	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	119 - 317	Water Raw	Reticulation		1940	95	100	No	Pre 1990 Asset	\$ 12,586	0.0%	\$0
Hay Raw Water	120 - 319	Water Raw	Reticulation		1940	90	100	No	Pre 1990 Asset	\$ 11,923	0.0%	\$0
Hay Raw Water	121 - 122	Water Raw	Reticulation		1940	140	100	No	Pre 1990 Asset	\$ 18,548	0.0%	\$0
Hay Raw Water	122 - 321	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	122 - 661	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	124 - 276	Water Raw	Reticulation		1940	25	100	No	Pre 1990 Asset	\$ 3,312	0.0%	\$0
Hay Raw Water	125 - 126	Water Raw	Reticulation		1940	100	100	No	Pre 1990 Asset	\$ 13,248	0.0%	\$0
Hay Raw Water	126 - 276	Water Raw	Reticulation		1940	110	100	No	Pre 1990 Asset	\$ 14,573	0.0%	\$0
Hay Raw Water	127 - 128	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	128 - 131	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	129 - 134	Water Raw	Reticulation		1940	100	100	No	Pre 1990 Asset	\$ 13,248	0.0%	\$0
Hay Raw Water	13 - 26	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	13 - 14	Water Raw	Reticulation		1940	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Raw Water	131 - 133	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	131 - 132	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	133 - 134	Water Raw	Reticulation		1940	210	100	No	Pre 1990 Asset	\$ 27,821	0.0%	\$0
Hay Raw Water	134 - 135	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	135 - 629	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	136 - 277	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	137 - 277	Water Raw	Reticulation		1940	90	100	No	Pre 1990 Asset	\$ 11,923	0.0%	\$0
Hay Raw Water	137 - 138	Water Raw	Reticulation		1940	40	100	No	Pre 1990 Asset	\$ 5,299	0.0%	\$0
Hay Raw Water	138 - 139	Water Raw	Reticulation		1940	180	100	No	Pre 1990 Asset	\$ 23,847	0.0%	\$0
Hay Raw Water	139 - 140	Water Raw	Reticulation		1940	130	100	No	Pre 1990 Asset	\$ 17,223	0.0%	\$0
Hay Raw Water	139 - 631	Water Raw	Reticulation		1940	90	100	No	Pre 1990 Asset	\$ 11,923	0.0%	\$0
Hay Raw Water	14 - 603	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	14 - 15	Water Raw	Reticulation		1940	120	150	No	Pre 1990 Asset	\$ 23,169	0.0%	\$0
Hay Raw Water	140 - 632	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	140 - 315	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	141 - 315	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	142 - 143	Water Raw	Reticulation		1940	80	150	No	Pre 1990 Asset	\$ 15,446	0.0%	\$0
Hay Raw Water	142 - 275	Water Raw	Reticulation		1940	40	150	No	Pre 1990 Asset	\$ 7,723	0.0%	\$0
Hay Raw Water	144 - 149	Water Raw	Reticulation		1940	110	150	No	Pre 1990 Asset	\$ 21,238	0.0%	\$0
Hay Raw Water	145 - 633	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	146 - 147	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0

Existing Assets - Raw Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Raw Water	147 - 313	Water Raw	Reticulation		1940	85	150	No	Pre 1990 Asset	\$ 16,411	0.0%	\$0
Hay Raw Water	147 - 634	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	148 - 181	Water Raw	Reticulation		1940	240	150	No	Pre 1990 Asset	\$ 46,338	0.0%	\$0
Hay Raw Water	148 - 311	Water Raw	Reticulation		1940	35	150	No	Pre 1990 Asset	\$ 6,758	0.0%	\$0
Hay Raw Water	149 - 150	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	149 - 635	Water Raw	Reticulation		1940	220	100	No	Pre 1990 Asset	\$ 29,146	0.0%	\$0
Hay Raw Water	15 - 16	Water Raw	Reticulation		1940	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Raw Water	15 - 37	Water Raw	Reticulation		1940	250	100	No	Pre 1990 Asset	\$ 33,121	0.0%	\$0
Hay Raw Water	150 - 154	Water Raw	Reticulation		1940	80	100	No	Pre 1990 Asset	\$ 10,599	0.0%	\$0
Hay Raw Water	150 - 151	Water Raw	Reticulation		1940	180	150	No	Pre 1990 Asset	\$ 34,754	0.0%	\$0
Hay Raw Water	151 - 156	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	151 - 152	Water Raw	Reticulation		1940	120	150	No	Pre 1990 Asset	\$ 23,169	0.0%	\$0
Hay Raw Water	152 - 153	Water Raw	Reticulation		1940	150	150	No	Pre 1990 Asset	\$ 28,961	0.0%	\$0
Hay Raw Water	152 - 157	Water Raw	Reticulation		1940	180	100	No	Pre 1990 Asset	\$ 23,847	0.0%	\$0
Hay Raw Water	154 - 155	Water Raw	Reticulation		1940	100	100	No	Pre 1990 Asset	\$ 13,248	0.0%	\$0
Hay Raw Water	154 - 636	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	155 - 156	Water Raw	Reticulation		1940	180	100	No	Pre 1990 Asset	\$ 23,847	0.0%	\$0
Hay Raw Water	156 - 157	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	157 - 308	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	158 - 316	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	158 - 159	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	16 - 17	Water Raw	Reticulation		1940	120	150	No	Pre 1990 Asset	\$ 23,169	0.0%	\$0
Hay Raw Water	160 - 171	Water Raw	Reticulation		1940	30	150	No	Pre 1990 Asset	\$ 5,792	0.0%	\$0
Hay Raw Water	163 - 164	Water Raw	Reticulation		1940	47	220	No	Pre 1990 Asset	\$ 13,950	0.0%	\$0
Hay Raw Water	164 - 165	Water Raw	Reticulation		1940	220	220	No	Pre 1990 Asset	\$ 65,297	0.0%	\$0
Hay Raw Water	165 - 220	Water Raw	Reticulation		1940	160	100	No	Pre 1990 Asset	\$ 21,197	0.0%	\$0
Hay Raw Water	165 - 188	Water Raw	Reticulation		1940	10	150	No	Pre 1990 Asset	\$ 1,931	0.0%	\$0
Hay Raw Water	166 - 179	Water Raw	Reticulation		1940	100	100	No	Pre 1990 Asset	\$ 13,248	0.0%	\$0
Hay Raw Water	166 - 167	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	167 - 186	Water Raw	Reticulation		1940	210	100	No	Pre 1990 Asset	\$ 27,821	0.0%	\$0
Hay Raw Water	167 - 168	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	168 - 169	Water Raw	Reticulation		1940	40	150	No	Pre 1990 Asset	\$ 7,723	0.0%	\$0
Hay Raw Water	169 - 170	Water Raw	Reticulation		1940	130	150	No	Pre 1990 Asset	\$ 25,100	0.0%	\$0
Hay Raw Water	169 - 185	Water Raw	Reticulation		1940	220	100	No	Pre 1990 Asset	\$ 29,146	0.0%	\$0
Hay Raw Water	17 - 18	Water Raw	Reticulation		1940	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Raw Water	170 - 171	Water Raw	Reticulation		1940	120	150	No	Pre 1990 Asset	\$ 23,169	0.0%	\$0
Hay Raw Water	170 - 175	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	171 - 182	Water Raw	Reticulation		1940	220	150	No	Pre 1990 Asset	\$ 42,477	0.0%	\$0
Hay Raw Water	172 - 183	Water Raw	Reticulation		1940	70	100	No	Pre 1990 Asset	\$ 9,274	0.0%	\$0
Hay Raw Water	172 - 175	Water Raw	Reticulation		1940	80	100	No	Pre 1990 Asset	\$ 10,599	0.0%	\$0
Hay Raw Water	173 - 174	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	173 - 639	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	174 - 640	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	179 - 180	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	18 - 39	Water Raw	Reticulation		1940	250	100	No	Pre 1990 Asset	\$ 33,121	0.0%	\$0
Hay Raw Water	18 - 19	Water Raw	Reticulation		1940	110	150	No	Pre 1990 Asset	\$ 21,238	0.0%	\$0
Hay Raw Water	181 - 182	Water Raw	Reticulation		1940	130	150	No	Pre 1990 Asset	\$ 25,100	0.0%	\$0
Hay Raw Water	182 - 183	Water Raw	Reticulation		1940	130	150	No	Pre 1990 Asset	\$ 25,100	0.0%	\$0
Hay Raw Water	183 - 184	Water Raw	Reticulation		1940	100	150	No	Pre 1990 Asset	\$ 19,308	0.0%	\$0
Hay Raw Water	184 - 185	Water Raw	Reticulation		1940	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Raw Water	185 - 186	Water Raw	Reticulation		1940	40	150	No	Pre 1990 Asset	\$ 7,723	0.0%	\$0
Hay Raw Water	186 - 187	Water Raw	Reticulation		1940	80	150	No	Pre 1990 Asset	\$ 15,446	0.0%	\$0
Hay Raw Water	187 - 188	Water Raw	Reticulation		1940	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Raw Water	19 - 20	Water Raw	Reticulation		1940	50	150	No	Pre 1990 Asset	\$ 9,654	0.0%	\$0
Hay Raw Water	190 - 191	Water Raw	Reticulation		1940	75	150	No	Pre 1990 Asset	\$ 14,481	0.0%	\$0
Hay Raw Water	191 - 192	Water Raw	Reticulation		1940	90	150	No	Pre 1990 Asset	\$ 17,377	0.0%	\$0
Hay Raw Water	191 - 298	Water Raw	Reticulation		1940	220	150	No	Pre 1990 Asset	\$ 42,477	0.0%	\$0
Hay Raw Water	192 - 212	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	192 - 193	Water Raw	Reticulation		1940	90	150	No	Pre 1990 Asset	\$ 17,377	0.0%	\$0
Hay Raw Water	193 - 194	Water Raw	Reticulation		1940	90	150	No	Pre 1990 Asset	\$ 17,377	0.0%	\$0
Hay Raw Water	193 - 213	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	194 - 195	Water Raw	Reticulation		1940	60	150	No	Pre 1990 Asset	\$ 11,585	0.0%	\$0
Hay Raw Water	194 - 218	Water Raw	Reticulation		1940	90	100	No	Pre 1990 Asset	\$ 11,923	0.0%	\$0
Hay Raw Water	195 - 219	Water Raw	Reticulation		1940	110	100	No	Pre 1990 Asset	\$ 14,573	0.0%	\$0
Hay Raw Water	195 - 196	Water Raw	Reticulation		1940	40	150	No	Pre 1990 Asset	\$ 7,723	0.0%	\$0

Existing Assets - Raw Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Raw Water	196 - 287	Water Raw	Reticulation		1940	30	150	No	Pre 1990 Asset	\$ 5,792	0.0%	\$0
Hay Raw Water	197 - 278	Water Raw	Reticulation		1940	55	150	No	Pre 1990 Asset	\$ 10,619	0.0%	\$0
Hay Raw Water	197 - 287	Water Raw	Reticulation		1940	15	150	No	Pre 1990 Asset	\$ 2,896	0.0%	\$0
Hay Raw Water	197 - 643	Water Raw	Reticulation		1940	10	50	No	Pre 1990 Asset	\$ 1,006	0.0%	\$0
Hay Raw Water	198 - 199	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	199 - 202	Water Raw	Reticulation		1940	155	100	No	Pre 1990 Asset	\$ 20,535	0.0%	\$0
Hay Raw Water	20 - 21	Water Raw	Reticulation		1940	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Raw Water	20 - 604	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	20 - 290	Water Raw	Reticulation		1940	45	200	No	Pre 1990 Asset	\$ 11,877	0.0%	\$0
Hay Raw Water	202 - 203	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	208 - 209	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	209 - 210	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	21 - 24	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	21 - 27	Water Raw	Reticulation		1940	190	150	No	Pre 1990 Asset	\$ 36,684	0.0%	\$0
Hay Raw Water	210 - 211	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	211 - 212	Water Raw	Reticulation		1940	180	100	No	Pre 1990 Asset	\$ 23,847	0.0%	\$0
Hay Raw Water	212 - 646	Water Raw	Reticulation		1940	40	100	No	Pre 1990 Asset	\$ 5,299	0.0%	\$0
Hay Raw Water	213 - 214	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	213 - 647	Water Raw	Reticulation		1940	40	100	No	Pre 1990 Asset	\$ 5,299	0.0%	\$0
Hay Raw Water	214 - 215	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	214 - 217	Water Raw	Reticulation		1940	90	100	No	Pre 1990 Asset	\$ 11,923	0.0%	\$0
Hay Raw Water	215 - 648	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	217 - 219	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	217 - 218	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	218 - 650	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	219 - 651	Water Raw	Reticulation		1940	90	100	No	Pre 1990 Asset	\$ 11,923	0.0%	\$0
Hay Raw Water	223 - 326	Water Raw	Reticulation		1940	80	150	No	Pre 1990 Asset	\$ 15,446	0.0%	\$0
Hay Raw Water	223 - 225	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	224 - 231	Water Raw	Reticulation		1940	190	100	No	Pre 1990 Asset	\$ 25,172	0.0%	\$0
Hay Raw Water	224 - 225	Water Raw	Reticulation		1940	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Raw Water	225 - 324	Water Raw	Reticulation		1940	80	150	No	Pre 1990 Asset	\$ 15,446	0.0%	\$0
Hay Raw Water	226 - 227	Water Raw	Reticulation		1940	130	100	No	Pre 1990 Asset	\$ 17,223	0.0%	\$0
Hay Raw Water	226 - 324	Water Raw	Reticulation		1940	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Raw Water	226 - 325	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	227 - 652	Water Raw	Reticulation		1940	40	100	No	Pre 1990 Asset	\$ 5,299	0.0%	\$0
Hay Raw Water	228 - 233	Water Raw	Reticulation		1940	70	75	No	Pre 1990 Asset	\$ 8,124	0.0%	\$0
Hay Raw Water	229 - 279	Water Raw	Reticulation		1940	110	100	No	Pre 1990 Asset	\$ 14,573	0.0%	\$0
Hay Raw Water	229 - 230	Water Raw	Reticulation		1940	80	100	No	Pre 1990 Asset	\$ 10,599	0.0%	\$0
Hay Raw Water	229 - 281	Water Raw	Reticulation		1940	90	100	No	Pre 1990 Asset	\$ 11,923	0.0%	\$0
Hay Raw Water	231 - 232	Water Raw	Reticulation		1940	80	100	No	Pre 1990 Asset	\$ 10,599	0.0%	\$0
Hay Raw Water	232 - 282	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	234 - 236	Water Raw	Reticulation		1940	5	150	No	Pre 1990 Asset	\$ 965	0.0%	\$0
Hay Raw Water	235 - 325	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	235 - 238	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	236 - 326	Water Raw	Reticulation		1940	50	150	No	Pre 1990 Asset	\$ 9,654	0.0%	\$0
Hay Raw Water	236 - 237	Water Raw	Reticulation		1940	110	150	No	Pre 1990 Asset	\$ 21,238	0.0%	\$0
Hay Raw Water	237 - 238	Water Raw	Reticulation		1940	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Raw Water	237 - 305	Water Raw	Reticulation		1940	40	150	No	Pre 1990 Asset	\$ 7,723	0.0%	\$0
Hay Raw Water	239 - 240	Water Raw	Reticulation		1940	30	150	No	Pre 1990 Asset	\$ 5,792	0.0%	\$0
Hay Raw Water	240 - 241	Water Raw	Reticulation		1940	70	150	No	Pre 1990 Asset	\$ 13,515	0.0%	\$0
Hay Raw Water	241 - 242	Water Raw	Reticulation		1940	120	150	No	Pre 1990 Asset	\$ 23,169	0.0%	\$0
Hay Raw Water	241 - 305	Water Raw	Reticulation		1940	210	150	No	Pre 1990 Asset	\$ 40,546	0.0%	\$0
Hay Raw Water	242 - 249	Water Raw	Reticulation		1940	300	150	No	Pre 1990 Asset	\$ 57,923	0.0%	\$0
Hay Raw Water	246 - 247	Water Raw	Reticulation		1940	25	100	No	Pre 1990 Asset	\$ 3,312	0.0%	\$0
Hay Raw Water	246 - 280	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	248 - 280	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	248 - 249	Water Raw	Reticulation		1940	110	100	No	Pre 1990 Asset	\$ 14,573	0.0%	\$0
Hay Raw Water	249 - 258	Water Raw	Reticulation		1940	280	150	No	Pre 1990 Asset	\$ 54,061	0.0%	\$0
Hay Raw Water	25 - 26	Water Raw	Reticulation		1940	250	150	No	Pre 1990 Asset	\$ 48,269	0.0%	\$0
Hay Raw Water	25 - 34	Water Raw	Reticulation		1940	230	150	No	Pre 1990 Asset	\$ 44,407	0.0%	\$0
Hay Raw Water	252 - 253	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	253 - 256	Water Raw	Reticulation		1940	100	100	No	Pre 1990 Asset	\$ 13,248	0.0%	\$0
Hay Raw Water	255 - 262	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	256 - 257	Water Raw	Reticulation		1940	110	150	No	Pre 1990 Asset	\$ 21,238	0.0%	\$0
Hay Raw Water	256 - 307	Water Raw	Reticulation		1940	140	150	No	Pre 1990 Asset	\$ 27,031	0.0%	\$0

Existing Assets - Raw Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Raw Water	257 - 258	Water Raw	Reticulation		1940	140	150	No	Pre 1990 Asset	\$ 27,031	0.0%	\$0
Hay Raw Water	26 - 36	Water Raw	Reticulation		1940	230	100	No	Pre 1990 Asset	\$ 30,471	0.0%	\$0
Hay Raw Water	264 - 321	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	266 - 267	Water Raw	Reticulation		1940	400	200	No	Pre 1990 Asset	\$ 105,576	0.0%	\$0
Hay Raw Water	267 - 268	Water Raw	Reticulation		1940	200	150	No	Pre 1990 Asset	\$ 38,615	0.0%	\$0
Hay Raw Water	268 - 660	Water Raw	Reticulation		1940	380	100	No	Pre 1990 Asset	\$ 50,344	0.0%	\$0
Hay Raw Water	27 - 28	Water Raw	Reticulation		1940	110	100	No	Pre 1990 Asset	\$ 14,573	0.0%	\$0
Hay Raw Water	270 - 662	Water Raw	Reticulation		1940	10	80	No	Pre 1990 Asset	\$ 1,191	0.0%	\$0
Hay Raw Water	270 - 271	Water Raw	Reticulation		1940	55	80	No	Pre 1990 Asset	\$ 6,552	0.0%	\$0
Hay Raw Water	279 - 654	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	28 - 29	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	285 - 655	Water Raw	Reticulation		1940	50	150	No	Pre 1990 Asset	\$ 9,654	0.0%	\$0
Hay Raw Water	285 - 307	Water Raw	Reticulation		1940	130	150	No	Pre 1990 Asset	\$ 25,100	0.0%	\$0
Hay Raw Water	287 - 667	Water Raw	Reticulation		1940	10	50	No	Pre 1990 Asset	\$ 1,006	0.0%	\$0
Hay Raw Water	29 - 30	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	290 - 670	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	290 - 291	Water Raw	Reticulation		1940	45	200	No	Pre 1990 Asset	\$ 11,877	0.0%	\$0
Hay Raw Water	291 - 671	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	297 - 677	Water Raw	Reticulation		1940	5	100	No	Pre 1990 Asset	\$ 662	0.0%	\$0
Hay Raw Water	297 - 298	Water Raw	Reticulation		1940	40	150	No	Pre 1990 Asset	\$ 7,723	0.0%	\$0
Hay Raw Water	298 - 678	Water Raw	Reticulation		1940	5	100	No	Pre 1990 Asset	\$ 662	0.0%	\$0
Hay Raw Water	299 - 679	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	3 - 5	Water Raw	Reticulation		1940	210	100	No	Pre 1990 Asset	\$ 27,821	0.0%	\$0
Hay Raw Water	3 - 4	Water Raw	Reticulation		1940	190	100	No	Pre 1990 Asset	\$ 25,172	0.0%	\$0
Hay Raw Water	30 - 31	Water Raw	Reticulation		1940	80	100	No	Pre 1990 Asset	\$ 10,599	0.0%	\$0
Hay Raw Water	300 - 680	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	303 - 682	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	305 - 685	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	307 - 687	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	308 - 316	Water Raw	Reticulation		1940	65	100	No	Pre 1990 Asset	\$ 8,611	0.0%	\$0
Hay Raw Water	31 - 32	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	311 - 312	Water Raw	Reticulation		1940	20	150	No	Pre 1990 Asset	\$ 3,862	0.0%	\$0
Hay Raw Water	312 - 314	Water Raw	Reticulation		1940	25	150	No	Pre 1990 Asset	\$ 4,827	0.0%	\$0
Hay Raw Water	313 - 314	Water Raw	Reticulation		1940	35	150	No	Pre 1990 Asset	\$ 6,758	0.0%	\$0
Hay Raw Water	315 - 695	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	317 - 697	Water Raw	Reticulation		1940	15	100	No	Pre 1990 Asset	\$ 1,987	0.0%	\$0
Hay Raw Water	317 - 319	Water Raw	Reticulation		1940	65	100	No	Pre 1990 Asset	\$ 8,611	0.0%	\$0
Hay Raw Water	319 - 699	Water Raw	Reticulation		1940	15	100	No	Pre 1990 Asset	\$ 1,987	0.0%	\$0
Hay Raw Water	32 - 327	Water Raw	Reticulation		1940	55	100	No	Pre 1990 Asset	\$ 7,287	0.0%	\$0
Hay Raw Water	321 - 701	Water Raw	Reticulation		1940	40	100	No	Pre 1990 Asset	\$ 5,299	0.0%	\$0
Hay Raw Water	326 - 703	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	328 - 329	Water Raw	Reticulation		1940	70	100	No	Pre 1990 Asset	\$ 9,274	0.0%	\$0
Hay Raw Water	328 - 706	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	33 - 41	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	33 - 327	Water Raw	Reticulation		1940	15	100	No	Pre 1990 Asset	\$ 1,987	0.0%	\$0
Hay Raw Water	33 - 681	Water Raw	Reticulation		1940	5	100	No	Pre 1990 Asset	\$ 662	0.0%	\$0
Hay Raw Water	34 - 35	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	34 - 42	Water Raw	Reticulation		1940	60	150	No	Pre 1990 Asset	\$ 11,585	0.0%	\$0
Hay Raw Water	35 - 36	Water Raw	Reticulation		1940	140	100	No	Pre 1990 Asset	\$ 18,548	0.0%	\$0
Hay Raw Water	35 - 61	Water Raw	Reticulation		1940	85	100	No	Pre 1990 Asset	\$ 11,261	0.0%	\$0
Hay Raw Water	36 - 37	Water Raw	Reticulation		1940	140	100	No	Pre 1990 Asset	\$ 18,548	0.0%	\$0
Hay Raw Water	36 - 63	Water Raw	Reticulation		1940	210	100	No	Pre 1990 Asset	\$ 27,821	0.0%	\$0
Hay Raw Water	36 - 64	Water Raw	Reticulation		1940	220	100	No	Pre 1990 Asset	\$ 29,146	0.0%	\$0
Hay Raw Water	37 - 71	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	38 - 68	Water Raw	Reticulation		1940	215	100	No	Pre 1990 Asset	\$ 28,484	0.0%	\$0
Hay Raw Water	38 - 71	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	38 - 39	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	39 - 40	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	40 - 291	Water Raw	Reticulation		1940	160	200	No	Pre 1990 Asset	\$ 42,230	0.0%	\$0
Hay Raw Water	40 - 41	Water Raw	Reticulation		1940	20	200	No	Pre 1990 Asset	\$ 5,279	0.0%	\$0
Hay Raw Water	41 - 72	Water Raw	Reticulation		1940	110	200	No	Pre 1990 Asset	\$ 29,033	0.0%	\$0
Hay Raw Water	43 - 47	Water Raw	Reticulation		1940	13	225	No	Pre 1990 Asset	\$ 3,965	0.0%	\$0
Hay Raw Water	47 - 48	Water Raw	Reticulation		1940	20	225	No	Pre 1990 Asset	\$ 6,100	0.0%	\$0
Hay Raw Water	5 - 6	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	50 - 51	Water Raw	Reticulation		1940	5	150	No	Pre 1990 Asset	\$ 965	0.0%	\$0

Existing Assets - Raw Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Raw Water	51 - 606	Water Raw	Reticulation		1940	58	150	No	Pre 1990 Asset	\$ 11,198	0.0%	\$0
Hay Raw Water	51 - 53	Water Raw	Reticulation		1940	2	150	No	Pre 1990 Asset	\$ 386	0.0%	\$0
Hay Raw Water	52 - 53	Water Raw	Reticulation		1940	5	150	No	Pre 1990 Asset	\$ 965	0.0%	\$0
Hay Raw Water	55 - 58	Water Raw	Reticulation		1940	100	100	No	Pre 1990 Asset	\$ 13,248	0.0%	\$0
Hay Raw Water	58 - 60	Water Raw	Reticulation		1940	100	100	No	Pre 1990 Asset	\$ 13,248	0.0%	\$0
Hay Raw Water	58 - 62	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	58 - 60	Water Raw	Reticulation		1940	100	100	No	Pre 1990 Asset	\$ 13,248	0.0%	\$0
Hay Raw Water	6 - 7	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	6 - 11	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	6 - 601	Water Raw	Reticulation		1940	40	100	No	Pre 1990 Asset	\$ 5,299	0.0%	\$0
Hay Raw Water	60 - 61	Water Raw	Reticulation		1940	40	100	No	Pre 1990 Asset	\$ 5,299	0.0%	\$0
Hay Raw Water	61 - 607	Water Raw	Reticulation		1940	50	100	No	Pre 1990 Asset	\$ 6,624	0.0%	\$0
Hay Raw Water	62 - 74	Water Raw	Reticulation		1940	230	100	No	Pre 1990 Asset	\$ 30,471	0.0%	\$0
Hay Raw Water	62 - 63	Water Raw	Reticulation		1940	110	100	No	Pre 1990 Asset	\$ 14,573	0.0%	\$0
Hay Raw Water	62 - 74	Water Raw	Reticulation		1940	230	100	No	Pre 1990 Asset	\$ 30,471	0.0%	\$0
Hay Raw Water	63 - 64	Water Raw	Reticulation		1940	3	100	No	Pre 1990 Asset	\$ 397	0.0%	\$0
Hay Raw Water	64 - 65	Water Raw	Reticulation		1940	3	100	No	Pre 1990 Asset	\$ 397	0.0%	\$0
Hay Raw Water	66 - 71	Water Raw	Reticulation		1940	220	100	No	Pre 1990 Asset	\$ 29,146	0.0%	\$0
Hay Raw Water	66 - 81	Water Raw	Reticulation		1940	150	100	No	Pre 1990 Asset	\$ 19,872	0.0%	\$0
Hay Raw Water	7 - 8	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	70 - 72	Water Raw	Reticulation		1940	90	200	No	Pre 1990 Asset	\$ 23,755	0.0%	\$0
Hay Raw Water	70 - 79	Water Raw	Reticulation		1940	70	200	No	Pre 1990 Asset	\$ 18,476	0.0%	\$0
Hay Raw Water	72 - 610	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	73 - 181	Water Raw	Reticulation		1940	220	150	No	Pre 1990 Asset	\$ 42,477	0.0%	\$0
Hay Raw Water	74 - 297	Water Raw	Reticulation		1940	30	150	No	Pre 1990 Asset	\$ 5,792	0.0%	\$0
Hay Raw Water	74 - 75	Water Raw	Reticulation		1940	120	150	No	Pre 1990 Asset	\$ 23,169	0.0%	\$0
Hay Raw Water	75 - 88	Water Raw	Reticulation		1940	230	100	No	Pre 1990 Asset	\$ 30,471	0.0%	\$0
Hay Raw Water	75 - 76	Water Raw	Reticulation		1940	160	150	No	Pre 1990 Asset	\$ 30,892	0.0%	\$0
Hay Raw Water	76 - 91	Water Raw	Reticulation		1940	240	100	No	Pre 1990 Asset	\$ 31,796	0.0%	\$0
Hay Raw Water	76 - 81	Water Raw	Reticulation		1940	80	100	No	Pre 1990 Asset	\$ 10,599	0.0%	\$0
Hay Raw Water	76 - 77	Water Raw	Reticulation		1940	140	150	No	Pre 1990 Asset	\$ 27,031	0.0%	\$0
Hay Raw Water	77 - 78	Water Raw	Reticulation		1940	130	150	No	Pre 1990 Asset	\$ 25,100	0.0%	\$0
Hay Raw Water	77 - 93	Water Raw	Reticulation		1940	240	100	No	Pre 1990 Asset	\$ 31,796	0.0%	\$0
Hay Raw Water	78 - 79	Water Raw	Reticulation		1940	160	200	No	Pre 1990 Asset	\$ 42,230	0.0%	\$0
Hay Raw Water	78 - 272	Water Raw	Reticulation		1940	20	200	No	Pre 1990 Asset	\$ 5,279	0.0%	\$0
Hay Raw Water	78 - 272	Water Raw	Reticulation		1940	15	200	No	Pre 1990 Asset	\$ 3,959	0.0%	\$0
Hay Raw Water	79 - 80	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	8 - 9	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	8 - 19	Water Raw	Reticulation		1940	240	100	No	Pre 1990 Asset	\$ 31,796	0.0%	\$0
Hay Raw Water	80 - 614	Water Raw	Reticulation		1940	10	100	No	Pre 1990 Asset	\$ 1,325	0.0%	\$0
Hay Raw Water	80 - 615	Water Raw	Reticulation		1940	150	100	No	Pre 1990 Asset	\$ 19,872	0.0%	\$0
Hay Raw Water	81 - 611	Water Raw	Reticulation		1940	25	50	No	Pre 1990 Asset	\$ 2,516	0.0%	\$0
Hay Raw Water	84 - 173	Water Raw	Reticulation		1940	40	100	No	Pre 1990 Asset	\$ 5,299	0.0%	\$0
Hay Raw Water	86 - 87	Water Raw	Reticulation		1940	70	100	No	Pre 1990 Asset	\$ 9,274	0.0%	\$0
Hay Raw Water	87 - 616	Water Raw	Reticulation		1940	60	100	No	Pre 1990 Asset	\$ 7,949	0.0%	\$0
Hay Raw Water	88 - 99	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	89 - 101	Water Raw	Reticulation		1940	65	100	No	Pre 1990 Asset	\$ 8,611	0.0%	\$0
Hay Raw Water	89 - 90	Water Raw	Reticulation		1940	110	100	No	Pre 1990 Asset	\$ 14,573	0.0%	\$0
Hay Raw Water	90 - 107	Water Raw	Reticulation		1940	450	100	No	Pre 1990 Asset	\$ 59,617	0.0%	\$0
Hay Raw Water	90 - 91	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	91 - 283	Water Raw	Reticulation		1940	125	100	No	Pre 1990 Asset	\$ 16,560	0.0%	\$0
Hay Raw Water	91 - 92	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	92 - 109	Water Raw	Reticulation		1940	450	100	No	Pre 1990 Asset	\$ 59,617	0.0%	\$0
Hay Raw Water	92 - 93	Water Raw	Reticulation		1940	20	100	No	Pre 1990 Asset	\$ 2,650	0.0%	\$0
Hay Raw Water	93 - 94	Water Raw	Reticulation		1940	120	100	No	Pre 1990 Asset	\$ 15,898	0.0%	\$0
Hay Raw Water	98 - 618	Water Raw	Reticulation		1940	30	100	No	Pre 1990 Asset	\$ 3,974	0.0%	\$0
Hay Raw Water	148 - 153	Water Raw	Trunk		1940	130	250	No	Pre 1990 Asset	\$ 38,317	0.0%	\$0
Hay Raw Water	153 - 160	Water Raw	Trunk		1940	15	250	No	Pre 1990 Asset	\$ 4,421	0.0%	\$0
Hay Raw Water	159 - 163	Water Raw	Trunk		1940	200	250	No	Pre 1990 Asset	\$ 58,950	0.0%	\$0
Hay Raw Water	159 - 322	Water Raw	Trunk		1940	25	250	No	Pre 1990 Asset	\$ 7,369	0.0%	\$0
Hay Raw Water	160 - 322	Water Raw	Trunk		1940	135	250	No	Pre 1990 Asset	\$ 39,791	0.0%	\$0
Hay Raw Water	161 - 162	Water Raw	Trunk		1940	10	250	No	Pre 1990 Asset	\$ 2,947	0.0%	\$0
Hay Raw Water	161 - 260	Water Raw	Trunk		1940	10	250	No	Pre 1990 Asset	\$ 2,947	0.0%	\$0
Hay Raw Water	162 - 163	Water Raw	Trunk		1940	10	250	No	Pre 1990 Asset	\$ 2,947	0.0%	\$0
Hay Raw Water	299 - 300	Water Raw	Trunk		1940	90	250	No	Pre 1990 Asset	\$ 26,527	0.0%	\$0

Existing Assets - Raw Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Raw Water	42 - 45	Water Raw	Trunk		1940	64	250	No	Pre 1990 Asset	\$ 18,864	0.0%	\$0
Hay Raw Water	43 - PS1	Water Raw	Trunk		1940	99	250	No	Pre 1990 Asset	\$ 29,180	0.0%	\$0
Hay Raw Water	44 - 45	Water Raw	Trunk		1940	9	250	No	Pre 1990 Asset	\$ 2,653	0.0%	\$0
Hay Raw Water	45 - 49	Water Raw	Trunk		1940	5	300	No	Pre 1990 Asset	\$1,828	0.0%	\$0
Hay Raw Water	48 - 59	Water Raw	Trunk		1940	150	300	No	Pre 1990 Asset	\$54,842	0.0%	\$0
Hay Raw Water	55 - 56	Water Raw	Trunk		1940	2	250	No	Pre 1990 Asset	\$589	0.0%	\$0
Hay Raw Water	56 - 608	Water Raw	Trunk		1940	1	250	No	Pre 1990 Asset	\$295	0.0%	\$0
Hay Raw Water	56 - 57	Water Raw	Trunk		1940	2	300	No	Pre 1990 Asset	\$731	0.0%	\$0
Hay Raw Water	57 - 300	Water Raw	Trunk		1940	35	250	No	Pre 1990 Asset	\$10,316	0.0%	\$0
Hay Raw Water	59 - 65	Water Raw	Trunk		1940	170	300	No	Pre 1990 Asset	\$62,154	0.0%	\$0
Hay Raw Water	65 - 66	Water Raw	Trunk		1940	150	300	No	Pre 1990 Asset	\$54,842	0.0%	\$0
Hay Raw Water	66 - 67	Water Raw	Trunk		1940	70	300	No	Pre 1990 Asset	\$25,593	0.0%	\$0
Hay Raw Water	67 - 68	Water Raw	Trunk		1940	50	300	No	Pre 1990 Asset	\$18,281	0.0%	\$0
Hay Raw Water	68 - 69	Water Raw	Trunk		1940	20	300	No	Pre 1990 Asset	\$7,312	0.0%	\$0
Hay Raw Water	69 - 70	Water Raw	Trunk		1940	120	300	No	Pre 1990 Asset	\$43,873	0.0%	\$0
Hay Raw Water	73 - 299	Water Raw	Trunk		1940	120	250	No	Pre 1990 Asset	\$35,370	0.0%	\$0
Hay Raw Water	73 - 84	Water Raw	Trunk		1940	50	250	No	Pre 1990 Asset	\$14,737	0.0%	\$0
Hay Raw Water	84 - 329	Water Raw	Trunk		1940	10	250	No	Pre 1990 Asset	\$2,947	0.0%	\$0
Hay Raw Water	85 - 329	Water Raw	Trunk		1940	140	250	No	Pre 1990 Asset	\$41,265	0.0%	\$0
Hay Raw Water	85 - 96	Water Raw	Trunk		1940	20	250	No	Pre 1990 Asset	\$5,895	0.0%	\$0
Hay Raw Water	96 - 148	Water Raw	Trunk		1940	230	250	No	Pre 1990 Asset	\$67,792	0.0%	\$0
Hay Raw Water	96 - 97	Water Raw	Trunk		1940	10	250	No	Pre 1990 Asset	\$2,947	0.0%	\$0
Hay Raw Water	Res No 1	Water Raw	Standpipe	Roof	1950			No	Pre 1990 Asset	\$157,901	0.0%	\$0
Hay Raw Water	Res No 1	Water Raw	Standpipe	Structure	1950			No	Pre 1990 Asset	\$894,774	0.0%	\$0
Hay Raw Water	Leonard St pumping	Water Raw	Distribution	Civil works	1955			No	Pre 1990 Asset	\$292,613	0.0%	\$0
Hay Raw Water	Leonard St pumping	Water Raw	Distribution	Civil Works	1955			No	Pre 1990 Asset	\$107,895	0.0%	\$0
Hay Raw Water	Res No 2	Water Raw	Standpipe	Roof	1972			No	Pre 1990 Asset	\$318,113	0.0%	\$0
Hay Raw Water	Res No 2	Water Raw	Standpipe	Structure	1972			No	Pre 1990 Asset	\$1,802,642	0.0%	\$0
Hay Raw Water	1 - 2	Water Raw	Reticulation		1980	120	100	No	Pre 1990 Asset	\$15,898	0.0%	\$0
Hay Raw Water	100 - 619	Water Raw	Reticulation		1980	20	50	No	Pre 1990 Asset	\$2,013	0.0%	\$0
Hay Raw Water	100 - 105	Water Raw	Reticulation		1980	160	225	No	Pre 1990 Asset	\$48,803	0.0%	\$0
Hay Raw Water	104 - 623	Water Raw	Reticulation		1980	20	50	No	Pre 1990 Asset	\$2,013	0.0%	\$0
Hay Raw Water	105 - 112	Water Raw	Reticulation		1980	250	225	No	Pre 1990 Asset	\$76,255	0.0%	\$0
Hay Raw Water	109 - 115	Water Raw	Reticulation		1980	170	100	No	Pre 1990 Asset	\$22,522	0.0%	\$0
Hay Raw Water	112 - 113	Water Raw	Reticulation		1980	70	225	No	Pre 1990 Asset	\$21,351	0.0%	\$0
Hay Raw Water	112 - 626	Water Raw	Reticulation		1980	10	32	No	Pre 1990 Asset	\$896	0.0%	\$0
Hay Raw Water	113 - 116	Water Raw	Reticulation		1980	220	225	No	Pre 1990 Asset	\$67,104	0.0%	\$0
Hay Raw Water	113 - 627	Water Raw	Reticulation		1980	10	50	No	Pre 1990 Asset	\$1,006	0.0%	\$0
Hay Raw Water	114 - 115	Water Raw	Reticulation		1980	120	100	No	Pre 1990 Asset	\$15,898	0.0%	\$0
Hay Raw Water	115 - 123	Water Raw	Reticulation		1980	140	100	No	Pre 1990 Asset	\$18,548	0.0%	\$0
Hay Raw Water	116 - 141	Water Raw	Reticulation		1980	100	150	No	Pre 1990 Asset	\$19,308	0.0%	\$0
Hay Raw Water	116 - 117	Water Raw	Reticulation		1980	30	150	No	Pre 1990 Asset	\$5,792	0.0%	\$0
Hay Raw Water	117 - 124	Water Raw	Reticulation		1980	40	150	No	Pre 1990 Asset	\$7,723	0.0%	\$0
Hay Raw Water	118 - 125	Water Raw	Reticulation		1980	30	100	No	Pre 1990 Asset	\$3,974	0.0%	\$0
Hay Raw Water	12 - 602	Water Raw	Reticulation		1980	60	25	No	Pre 1990 Asset	\$5,114	0.0%	\$0
Hay Raw Water	120 - 121	Water Raw	Reticulation		1980	40	100	No	Pre 1990 Asset	\$5,299	0.0%	\$0
Hay Raw Water	121 - 123	Water Raw	Reticulation		1980	10	100	No	Pre 1990 Asset	\$1,325	0.0%	\$0
Hay Raw Water	124 - 127	Water Raw	Reticulation		1980	130	150	No	Pre 1990 Asset	\$25,100	0.0%	\$0
Hay Raw Water	125 - 130	Water Raw	Reticulation		1980	120	100	No	Pre 1990 Asset	\$15,898	0.0%	\$0
Hay Raw Water	125 - 130	Water Raw	Reticulation		1980	130	100	No	Pre 1990 Asset	\$17,223	0.0%	\$0
Hay Raw Water	126 - 628	Water Raw	Reticulation		1980	40	100	No	Pre 1990 Asset	\$5,299	0.0%	\$0
Hay Raw Water	128 - 129	Water Raw	Reticulation		1980	200	100	No	Pre 1990 Asset	\$26,497	0.0%	\$0
Hay Raw Water	129 - 130	Water Raw	Reticulation		1980	10	100	No	Pre 1990 Asset	\$1,325	0.0%	\$0
Hay Raw Water	132 - 309	Water Raw	Reticulation		1980	60	100	No	Pre 1990 Asset	\$7,949	0.0%	\$0
Hay Raw Water	136 - 309	Water Raw	Reticulation		1980	140	100	No	Pre 1990 Asset	\$18,548	0.0%	\$0
Hay Raw Water	141 - 275	Water Raw	Reticulation		1980	60	150	No	Pre 1990 Asset	\$11,585	0.0%	\$0
Hay Raw Water	143 - 144	Water Raw	Reticulation		1980	280	150	No	Pre 1990 Asset	\$54,061	0.0%	\$0
Hay Raw Water	144 - 145	Water Raw	Reticulation		1980	10	150	No	Pre 1990 Asset	\$1,931	0.0%	\$0
Hay Raw Water	145 - 146	Water Raw	Reticulation		1980	260	150	No	Pre 1990 Asset	\$50,200	0.0%	\$0
Hay Raw Water	158 - 637	Water Raw	Reticulation		1980	40	50	No	Pre 1990 Asset	\$4,026	0.0%	\$0
Hay Raw Water	172 - 638	Water Raw	Reticulation		1980	50	80	No	Pre 1990 Asset	\$5,957	0.0%	\$0
Hay Raw Water	180 - 189	Water Raw	Reticulation		1980	0	20	No	Pre 1990 Asset	\$0	0.0%	\$0
Hay Raw Water	190 - 198	Water Raw	Reticulation		1980	55	100	No	Pre 1990 Asset	\$7,287	0.0%	\$0
Hay Raw Water	191 - 205	Water Raw	Reticulation		1980	270	100	No	Pre 1990 Asset	\$35,770	0.0%	\$0
Hay Raw Water	198 - 200	Water Raw	Reticulation		1980	15	100	No	Pre 1990 Asset	\$1,987	0.0%	\$0

Existing Assets - Raw Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Raw Water	2 - 9	Water Raw	Reticulation		1980	210	100	No	Pre 1990 Asset	\$27,821	0.0%	\$0
Hay Raw Water	200 - 201	Water Raw	Reticulation		1980	155	100	No	Pre 1990 Asset	\$20,535	0.0%	\$0
Hay Raw Water	201 - 203	Water Raw	Reticulation		1980	30	100	No	Pre 1990 Asset	\$3,974	0.0%	\$0
Hay Raw Water	201 - 204	Water Raw	Reticulation		1980	60	100	No	Pre 1990 Asset	\$7,949	0.0%	\$0
Hay Raw Water	204 - 206	Water Raw	Reticulation		1980	75	100	No	Pre 1990 Asset	\$9,936	0.0%	\$0
Hay Raw Water	205 - 206	Water Raw	Reticulation		1980	10	100	No	Pre 1990 Asset	\$1,325	0.0%	\$0
Hay Raw Water	206 - 207	Water Raw	Reticulation		1980	10	100	No	Pre 1990 Asset	\$1,325	0.0%	\$0
Hay Raw Water	207 - 208	Water Raw	Reticulation		1980	80	100	No	Pre 1990 Asset	\$10,599	0.0%	\$0
Hay Raw Water	215 - 216	Water Raw	Reticulation		1980	0	20	No	Pre 1990 Asset	\$0	0.0%	\$0
Hay Raw Water	216 - 649	Water Raw	Reticulation		1980	0	20	No	Pre 1990 Asset	\$0	0.0%	\$0
Hay Raw Water	223 - 278	Water Raw	Reticulation		1980	580	150	No	Pre 1990 Asset	\$111,984	0.0%	\$0
Hay Raw Water	227 - 228	Water Raw	Reticulation		1980	130	100	No	Pre 1990 Asset	\$17,223	0.0%	\$0
Hay Raw Water	228 - 281	Water Raw	Reticulation		1980	80	100	No	Pre 1990 Asset	\$10,599	0.0%	\$0
Hay Raw Water	230 - 659	Water Raw	Reticulation		1980	300	50	No	Pre 1990 Asset	\$30,194	0.0%	\$0
Hay Raw Water	233 - 261	Water Raw	Reticulation		1980	100	80	No	Pre 1990 Asset	\$11,913	0.0%	\$0
Hay Raw Water	234 - 239	Water Raw	Reticulation		1980	250	100	No	Pre 1990 Asset	\$33,121	0.0%	\$0
Hay Raw Water	235 - 245	Water Raw	Reticulation		1980	110	100	No	Pre 1990 Asset	\$14,573	0.0%	\$0
Hay Raw Water	240 - 246	Water Raw	Reticulation		1980	300	150	No	Pre 1990 Asset	\$57,923	0.0%	\$0
Hay Raw Water	242 - 243	Water Raw	Reticulation		1980	10	100	No	Pre 1990 Asset	\$1,325	0.0%	\$0
Hay Raw Water	243 - 244	Water Raw	Reticulation		1980	10	100	No	Pre 1990 Asset	\$1,325	0.0%	\$0
Hay Raw Water	244 - 245	Water Raw	Reticulation		1980	230	100	No	Pre 1990 Asset	\$30,471	0.0%	\$0
Hay Raw Water	247 - 254	Water Raw	Reticulation		1980	520	100	No	Pre 1990 Asset	\$68,891	0.0%	\$0
Hay Raw Water	248 - 250	Water Raw	Reticulation		1980	260	100	No	Pre 1990 Asset	\$34,446	0.0%	\$0
Hay Raw Water	250 - 251	Water Raw	Reticulation		1980	10	100	No	Pre 1990 Asset	\$1,325	0.0%	\$0
Hay Raw Water	251 - 252	Water Raw	Reticulation		1980	270	100	No	Pre 1990 Asset	\$35,770	0.0%	\$0
Hay Raw Water	252 - 255	Water Raw	Reticulation		1980	120	100	No	Pre 1990 Asset	\$15,898	0.0%	\$0
Hay Raw Water	252 - 253	Water Raw	Reticulation		1980	10	100	No	Pre 1990 Asset	\$1,325	0.0%	\$0
Hay Raw Water	254 - 255	Water Raw	Reticulation		1980	10	100	No	Pre 1990 Asset	\$1,325	0.0%	\$0
Hay Raw Water	258 - 263	Water Raw	Reticulation		1980	50	100	No	Pre 1990 Asset	\$6,624	0.0%	\$0
Hay Raw Water	259 - 704	Water Raw	Reticulation		1980	3000	75	No	Pre 1990 Asset	\$348,153	0.0%	\$0
Hay Raw Water	259 - 261	Water Raw	Reticulation		1980	1200	80	No	Pre 1990 Asset	\$142,958	0.0%	\$0
Hay Raw Water	262 - 658	Water Raw	Reticulation		1980	50	80	No	Pre 1990 Asset	\$5,957	0.0%	\$0
Hay Raw Water	264 - 265	Water Raw	Reticulation		1980	200	150	No	Pre 1990 Asset	\$38,615	0.0%	\$0
Hay Raw Water	265 - 266	Water Raw	Reticulation		1980	220	150	No	Pre 1990 Asset	\$42,477	0.0%	\$0
Hay Raw Water	266 - 269	Water Raw	Reticulation		1980	260	100	No	Pre 1990 Asset	\$34,446	0.0%	\$0
Hay Raw Water	269 - 270	Water Raw	Reticulation		1980	390	100	No	Pre 1990 Asset	\$51,668	0.0%	\$0
Hay Raw Water	272 - 303	Water Raw	Reticulation		1980	30	200	No	Pre 1990 Asset	\$7,918	0.0%	\$0
Hay Raw Water	272 - 286	Water Raw	Reticulation		1980	190	80	No	Pre 1990 Asset	\$22,635	0.0%	\$0
Hay Raw Water	272 - 303	Water Raw	Reticulation		1980	32	200	No	Pre 1990 Asset	\$8,446	0.0%	\$0
Hay Raw Water	272 - 286	Water Raw	Reticulation		1980	170	80	No	Pre 1990 Asset	\$20,252	0.0%	\$0
Hay Raw Water	273 - 302	Water Raw	Reticulation		1980	105	200	No	Pre 1990 Asset	\$27,714	0.0%	\$0
Hay Raw Water	280 - 663	Water Raw	Reticulation		1980	30	50	No	Pre 1990 Asset	\$3,019	0.0%	\$0
Hay Raw Water	282 - 653	Water Raw	Reticulation		1980	90	100	No	Pre 1990 Asset	\$11,923	0.0%	\$0
Hay Raw Water	284 - 664	Water Raw	Reticulation		1980	40	100	No	Pre 1990 Asset	\$5,299	0.0%	\$0
Hay Raw Water	285 - 665	Water Raw	Reticulation		1980	130	100	No	Pre 1990 Asset	\$17,223	0.0%	\$0
Hay Raw Water	286 - 666	Water Raw	Reticulation		1980	70	80	No	Pre 1990 Asset	\$8,339	0.0%	\$0
Hay Raw Water	286 - 666	Water Raw	Reticulation		1980	80	80	No	Pre 1990 Asset	\$9,531	0.0%	\$0
Hay Raw Water	302 - 303	Water Raw	Reticulation		1980	70	200	No	Pre 1990 Asset	\$18,476	0.0%	\$0
Hay Raw Water	302 - 682	Water Raw	Reticulation		1980	5	100	No	Pre 1990 Asset	\$662	0.0%	\$0
Hay Raw Water	303 - 683	Water Raw	Reticulation		1980	5	100	No	Pre 1990 Asset	\$662	0.0%	\$0
Hay Raw Water	308 - 688	Water Raw	Reticulation		1980	30	50	No	Pre 1990 Asset	\$3,019	0.0%	\$0
Hay Raw Water	311 - 691	Water Raw	Reticulation		1980	10	50	No	Pre 1990 Asset	\$1,006	0.0%	\$0
Hay Raw Water	312 - 692	Water Raw	Reticulation		1980	25	50	No	Pre 1990 Asset	\$2,516	0.0%	\$0
Hay Raw Water	313 - 693	Water Raw	Reticulation		1980	25	50	No	Pre 1990 Asset	\$2,516	0.0%	\$0
Hay Raw Water	314 - 694	Water Raw	Reticulation		1980	25	50	No	Pre 1990 Asset	\$2,516	0.0%	\$0
Hay Raw Water	316 - 696	Water Raw	Reticulation		1980	10	50	No	Pre 1990 Asset	\$1,006	0.0%	\$0
Hay Raw Water	322 - 702	Water Raw	Reticulation		1980	15	50	No	Pre 1990 Asset	\$1,510	0.0%	\$0
Hay Raw Water	600 - D/E	Water Raw	Reticulation		1980	120	40	No	Pre 1990 Asset	\$11,338	0.0%	\$0
Hay Raw Water	612 - D/E	Water Raw	Reticulation		1980	20	100	No	Pre 1990 Asset	\$2,650	0.0%	\$0
Hay Raw Water	62 - 63	Water Raw	Reticulation		1980	105	100	No	Pre 1990 Asset	\$13,911	0.0%	\$0
Hay Raw Water	65 - 75	Water Raw	Reticulation		1980	230	100	No	Pre 1990 Asset	\$30,471	0.0%	\$0
Hay Raw Water	69 - 83	Water Raw	Reticulation		1980	20	100	No	Pre 1990 Asset	\$2,650	0.0%	\$0
Hay Raw Water	76 - 283	Water Raw	Reticulation		1980	75	100	No	Pre 1990 Asset	\$9,936	0.0%	\$0
Hay Raw Water	77 - 82	Water Raw	Reticulation		1980	80	100	No	Pre 1990 Asset	\$10,599	0.0%	\$0
Hay Raw Water	82 - 612	Water Raw	Reticulation		1980	20	100	No	Pre 1990 Asset	\$2,650	0.0%	\$0

Existing Assets - Raw Water Supply

Asset Service Area(s)	Asset No./ Name	System Type	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Raw Water	82 - 83	Water Raw	Reticulation		1980	130	100	No	Pre 1990 Asset	\$17,223	0.0%	\$0
Hay Raw Water	83 - 613	Water Raw	Reticulation		1980	30	100	No	Pre 1990 Asset	\$3,974	0.0%	\$0
Hay Raw Water	87 - 284	Water Raw	Reticulation		1980	50	100	No	Pre 1990 Asset	\$6,624	0.0%	\$0
Hay Raw Water	9 - 12	Water Raw	Reticulation		1980	90	100	No	Pre 1990 Asset	\$11,923	0.0%	\$0
Hay Raw Water	94 - 273	Water Raw	Reticulation		1980	5	200	No	Pre 1990 Asset	\$1,320	0.0%	\$0
Hay Raw Water	94 - 95	Water Raw	Reticulation		1980	10	200	No	Pre 1990 Asset	\$2,639	0.0%	\$0
Hay Raw Water	95 - 617	Water Raw	Reticulation		1980	20	100	No	Pre 1990 Asset	\$2,650	0.0%	\$0
Hay Raw Water	95 - 103	Water Raw	Reticulation		1980	90	200	No	Pre 1990 Asset	\$23,755	0.0%	\$0
Hay Raw Water	97 - 98	Water Raw	Reticulation		1980	23	225	No	Pre 1990 Asset	\$7,015	0.0%	\$0
Hay Raw Water	98 - 99	Water Raw	Reticulation		1980	22	225	No	Pre 1990 Asset	\$6,710	0.0%	\$0
Hay Raw Water	99 - 630	Water Raw	Reticulation		1980	10	50	No	Pre 1990 Asset	\$1,006	0.0%	\$0
Hay Raw Water	99 - 100	Water Raw	Reticulation		1980	65	225	No	Pre 1990 Asset	\$19,826	0.0%	\$0
Hay Raw Water	57 - 58	Water Raw	Trunk		1980	100	300	No	Pre 1990 Asset	\$36,561	0.0%	\$0
Hay Raw Water	Leonard St pumping	Water Raw	Distribution		1985			No	Pre 1990 Asset	\$356,120	0.0%	\$0
Hay Raw Water	103 - 622	Water Raw	Reticulation	Mechanical/Electrical	1990	20	50	No	Reticulation Asset	\$2,013	0.0%	\$0
Hay Raw Water	175 - 176	Water Raw	Reticulation		1990	50	25	No	Reticulation Asset	\$4,262	0.0%	\$0
Hay Raw Water	176 - 642	Water Raw	Reticulation		1990	10	25	No	Reticulation Asset	\$852	0.0%	\$0
Hay Raw Water	176 - 177	Water Raw	Reticulation		1990	20	25	No	Reticulation Asset	\$1,705	0.0%	\$0
Hay Raw Water	177 - 641	Water Raw	Reticulation		1990	10	25	No	Reticulation Asset	\$852	0.0%	\$0
Hay Raw Water	203 - 645	Water Raw	Reticulation		1990	0	20	No	Reticulation Asset	\$0	0.0%	\$0
Hay Raw Water	22 - 24	Water Raw	Reticulation		1990	110	25	No	Reticulation Asset	\$9,377	0.0%	\$0
Hay Raw Water	22 - 23	Water Raw	Reticulation		1990	10	25	No	Reticulation Asset	\$852	0.0%	\$0
Hay Raw Water	257 - D/E	Water Raw	Reticulation		1990	500	50	No	Reticulation Asset	\$50,323	0.0%	\$0
Hay Raw Water	259 - 656	Water Raw	Reticulation		1990	200	50	No	Reticulation Asset	\$20,129	0.0%	\$0
Hay Raw Water	271 - 657	Water Raw	Reticulation		1990	400	50	No	Reticulation Asset	\$40,258	0.0%	\$0
Hay Raw Water	309 - 689	Water Raw	Reticulation		1990	0	20	No	Reticulation Asset	\$0	0.0%	\$0
Hay Raw Water	327 - 705	Water Raw	Reticulation		1990	125	50	No	Reticulation Asset	\$12,581	0.0%	\$0
Hay Raw Water	4 - 600	Water Raw	Reticulation		1990	460	40	No	Reticulation Asset	\$43,463	0.0%	\$0
Hay Raw Water	Leonard St intake w	Water Raw	All	All	1990			Yes	Trunk Asset; post 1990	\$111,056	30.0%	\$33,317
Hay Raw Water	Leonard St intake w	Water Raw	All	All	2000			Yes	Trunk Asset; post 1990	\$222,149	30.0%	\$66,645
Hay Raw Water	Res No 3	Water Raw	Standpipe	Roof	2002			Yes	Trunk Asset; post 1990	\$92,430	30.0%	\$27,729
Hay Raw Water	Res No 3	Water Raw	Standpipe	Structure	2002			Yes	Trunk Asset; post 1990	\$523,770	30.0%	\$157,131

Calculation of the Recoverable Proportion:

Areas served by Assets	ET Uptake 1995/96 - 2050/51	Total ET 2050/51	Growth Proportion
Hay Sewerage	1,386	2,771	50.0%

Existing Assets - Sewerage

Asset Service Area(s)	Asset No./ Name	Asset Class	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Sewerage	AD4=Randal St behind Tennis Club	Sewer Mains	Gravity Reticulation		1942	47	150	No	Pre 1990 Asset	\$ 14,143	0.0%	\$0
Hay Sewerage	AG5=Chancery Lane	Sewer Mains	Gravity Reticulation		1942	14	150	No	Pre 1990 Asset	\$ 4,213	0.0%	\$0
Hay Sewerage	AG6=Solling St	Sewer Mains	Gravity Reticulation		1942	20	150	No	Pre 1990 Asset	\$ 6,018	0.0%	\$0
Hay Sewerage	AG7=Solling St	Sewer Mains	Gravity Reticulation		1942	25	150	No	Pre 1990 Asset	\$ 5,726	0.0%	\$0
Hay Sewerage	AH/DE=East of Dishers Ln	Sewer Mains	Gravity Reticulation		1942	24	150	No	Pre 1990 Asset	\$ 5,497	0.0%	\$0
Hay Sewerage	AH1=End of Dishers Lane	Sewer Mains	Gravity Reticulation		1942	67	150	No	Pre 1990 Asset	\$ 20,161	0.0%	\$0
Hay Sewerage	AH2=Property to Dishers Lane	Sewer Mains	Gravity Reticulation		1942	22	150	No	Pre 1990 Asset	\$ 6,620	0.0%	\$0
Hay Sewerage	AH3=East of Dishers Ln	Sewer Mains	Gravity Reticulation		1942	19	150	No	Pre 1990 Asset	\$ 5,717	0.0%	\$0
Hay Sewerage	AH4=East of Dishers Ln	Sewer Mains	Gravity Reticulation		1942	31	150	No	Pre 1990 Asset	\$ 7,100	0.0%	\$0
Hay Sewerage	AJ1=Cnr River and Pollard St	Sewer Mains	Gravity Reticulation		1942	51	150	No	Pre 1990 Asset	\$ 15,346	0.0%	\$0
Hay Sewerage	AJ2=Pollard St	Sewer Mains	Gravity Reticulation		1942	72	150	No	Pre 1990 Asset	\$ 21,666	0.0%	\$0
Hay Sewerage	AK/DE=Commercial Hotel	Sewer Mains	Gravity Reticulation		1942	6	150	No	Pre 1990 Asset	\$ 1,374	0.0%	\$0
Hay Sewerage	AK1=Wilkins Ln	Sewer Mains	Gravity Reticulation		1942	51	150	No	Pre 1990 Asset	\$ 20,322	0.0%	\$0
Hay Sewerage	AK2=Lane off Macgregor St	Sewer Mains	Gravity Reticulation		1942	76	150	No	Pre 1990 Asset	\$ 30,284	0.0%	\$0
Hay Sewerage	AK3=Myers Lane	Sewer Mains	Gravity Reticulation		1942	64	150	No	Pre 1990 Asset	\$ 25,502	0.0%	\$0
Hay Sewerage	AK4=Off Myers Lane	Sewer Mains	Gravity Reticulation		1942	9	150	No	Pre 1990 Asset	\$ 3,586	0.0%	\$0
Hay Sewerage	AK5=Off Church Lane	Sewer Mains	Gravity Reticulation		1942	33	150	No	Pre 1990 Asset	\$ 9,930	0.0%	\$0
Hay Sewerage	AK6=Motel Lachlan St	Sewer Mains	Gravity Reticulation		1942	30	150	No	Pre 1990 Asset	\$ 9,027	0.0%	\$0
Hay Sewerage	AL2=Lane South off Macgregor St	Sewer Mains	Gravity Reticulation		1942	63	150	No	Pre 1990 Asset	\$ 18,957	0.0%	\$0
Hay Sewerage	AL3=Lane South off Macgregor St	Sewer Mains	Gravity Reticulation		1942	67	150	No	Pre 1990 Asset	\$ 20,161	0.0%	\$0
Hay Sewerage	AM1=North Macgregor St	Sewer Mains	Gravity Reticulation		1942	72	150	No	Pre 1990 Asset	\$ 21,666	0.0%	\$0
Hay Sewerage	AN1=Cnr Lachlan & Alma Sts	Sewer Mains	Gravity Reticulation		1942	43	150	No	Pre 1990 Asset	\$ 17,134	0.0%	\$0
Hay Sewerage	AN2=Driveway of Post Office	Sewer Mains	Gravity Reticulation		1942	39	150	No	Pre 1990 Asset	\$ 15,541	0.0%	\$0
Hay Sewerage	AN3=Driveway of Post Office	Sewer Mains	Gravity Reticulation		1942	42	150	No	Pre 1990 Asset	\$ 12,638	0.0%	\$0
Hay Sewerage	AN4=South of AN3	Sewer Mains	Gravity Reticulation		1942	16	150	No	Pre 1990 Asset	\$ 4,815	0.0%	\$0
Hay Sewerage	AN5=West of AN4	Sewer Mains	Gravity Reticulation		1942	53	150	No	Pre 1990 Asset	\$ 15,948	0.0%	\$0
Hay Sewerage	AN6=Carpark behind Lands Office	Sewer Mains	Gravity Reticulation		1942	20	150	No	Pre 1990 Asset	\$ 6,018	0.0%	\$0
Hay Sewerage	AN7=Carpark behind Lands Office	Sewer Mains	Gravity Reticulation		1942	19	150	No	Pre 1990 Asset	\$ 5,717	0.0%	\$0
Hay Sewerage	AO1=Carpark behind Lands Office	Sewer Mains	Gravity Reticulation		1942	24	150	No	Pre 1990 Asset	\$ 7,222	0.0%	\$0
Hay Sewerage	AO2=behind Council Office	Sewer Mains	Gravity Reticulation		1942	10	150	No	Pre 1990 Asset	\$ 3,009	0.0%	\$0
Hay Sewerage	AP1=Prince St	Sewer Mains	Gravity Reticulation		1942	54	150	No	Pre 1990 Asset	\$ 21,518	0.0%	\$0
Hay Sewerage	AP2=South of Prince St	Sewer Mains	Gravity Reticulation		1942	53	150	No	Pre 1990 Asset	\$ 21,119	0.0%	\$0
Hay Sewerage	AP3=West of PS3	Sewer Mains	Gravity Reticulation		1942	54	150	No	Pre 1990 Asset	\$ 21,518	0.0%	\$0
Hay Sewerage	AP4=West of PS3	Sewer Mains	Gravity Reticulation		1942	46	150	No	Pre 1990 Asset	\$ 13,842	0.0%	\$0
Hay Sewerage	AP5=Nicholas Royal Motel	Sewer Mains	Gravity Reticulation		1942	52	150	No	Pre 1990 Asset	\$ 15,647	0.0%	\$0
Hay Sewerage	AP6=Lane behind Newsagency	Sewer Mains	Gravity Reticulation		1942	47	150	No	Pre 1990 Asset	\$ 14,143	0.0%	\$0
Hay Sewerage	AQ/DE=Victoria St	Sewer Mains	Gravity Reticulation		1942	27	150	No	Pre 1990 Asset	\$ 8,125	0.0%	\$0
Hay Sewerage	AQ1= Queen St	Sewer Mains	Gravity Reticulation		1942	51	150	No	Pre 1990 Asset	\$ 20,322	0.0%	\$0
Hay Sewerage	AQ2= Victoria St	Sewer Mains	Gravity Reticulation		1942	44	150	No	Pre 1990 Asset	\$ 13,240	0.0%	\$0
Hay Sewerage	AQ3=End of Victoria St	Sewer Mains	Gravity Reticulation		1942	56	150	No	Pre 1990 Asset	\$ 16,851	0.0%	\$0
Hay Sewerage	AS1=Strachan Place	Sewer Mains	Gravity Reticulation		1942	64	150	No	Pre 1990 Asset	\$ 25,502	0.0%	\$0
Hay Sewerage	AS2=Cnr Rays Lane and Strachan Place	Sewer Mains	Gravity Reticulation		1942	103	150	No	Pre 1990 Asset	\$ 41,043	0.0%	\$0
Hay Sewerage	AS3=Strachan Place to Rays Lane	Sewer Mains	Gravity Reticulation		1942	98	150	No	Pre 1990 Asset	\$ 39,051	0.0%	\$0
Hay Sewerage	AS4=Strachan Place and Cadell St	Sewer Mains	Gravity Reticulation		1942	44	150	No	Pre 1990 Asset	\$ 10,077	0.0%	\$0
Hay Sewerage	AT3= Murphys Lane	Sewer Mains	Gravity Reticulation		1942	3	150	No	Pre 1990 Asset	\$ 903	0.0%	\$0
Hay Sewerage	AW1=Rear of DG Harrisons	Sewer Mains	Gravity Reticulation		1942	75	150	No	Pre 1990 Asset	\$ 22,568	0.0%	\$0
Hay Sewerage	BA2=End of Myers Lane	Sewer Mains	Gravity Reticulation		1942	42	150	No	Pre 1990 Asset	\$ 16,736	0.0%	\$0
Hay Sewerage	BA3=Lane North of Macgegor St to Myers Lane	Sewer Mains	Gravity Reticulation		1942	80	150	No	Pre 1990 Asset	\$ 24,073	0.0%	\$0
Hay Sewerage	BA4=Lane North of Macgregor St South to B	Sewer Mains	Gravity Reticulation		1942	52	150	No	Pre 1990 Asset	\$ 15,647	0.0%	\$0
Hay Sewerage	Back Lane in between Murray & Macauley off	Sewer Mains	Gravity Reticulation		1942	80	150	No	Pre 1990 Asset	\$ 31,878	0.0%	\$0
Hay Sewerage	BB1=Myers Lane East to BA2	Sewer Mains	Gravity Reticulation		1942	56	150	No	Pre 1990 Asset	\$ 22,315	0.0%	\$0
Hay Sewerage	BB2=Myers Lane East to BB1	Sewer Mains	Gravity Reticulation		1942	19	150	No	Pre 1990 Asset	\$ 7,571	0.0%	\$0
Hay Sewerage	BB3=Myers Lane East to BB2	Sewer Mains	Gravity Reticulation		1942	69	150	No	Pre 1990 Asset	\$ 20,763	0.0%	\$0
Hay Sewerage	BB4=Myers Lane East to BB3	Sewer Mains	Gravity Reticulation		1942	6	150	No	Pre 1990 Asset	\$ 1,805	0.0%	\$0
Hay Sewerage	BD2-No 377 Leonard St	Sewer Mains	Gravity Reticulation		1942	17	150	No	Pre 1990 Asset	\$ 8,345	0.0%	\$0
Hay Sewerage	BD3=Sturt Place	Sewer Mains	Gravity Reticulation		1942	44	150	No	Pre 1990 Asset	\$ 17,533	0.0%	\$0
Hay Sewerage	BD4=East of Sturt Place	Sewer Mains	Gravity Reticulation		1942	57	150	No	Pre 1990 Asset	\$ 22,713	0.0%	\$0
Hay Sewerage	BD5=East of Sturt Place	Sewer Mains	Gravity Reticulation		1942	48	150	No	Pre 1990 Asset	\$ 19,127	0.0%	\$0

Existing Assets - Sewerage

Asset Service Area(s)	Asset No./ Name	Asset Class	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Sewerage	BR1=Cnr Edward and Sturt Place	Sewer Mains	Gravity Reticulation		1942	78	150	No	Pre 1990 Asset	\$ 31,081	0.0%	\$0
Hay Sewerage	BR2=West from BR1 Cnr Edward and Sturt Place	Sewer Mains	Gravity Reticulation		1942	80	150	No	Pre 1990 Asset	\$ 31,878	0.0%	\$0
Hay Sewerage	BR3=Public School Balaclava St	Sewer Mains	Gravity Reticulation		1942	84	150	No	Pre 1990 Asset	\$ 25,277	0.0%	\$0
Hay Sewerage	BR4=North West Public School Lachlan and Sturt Place	Sewer Mains	Gravity Reticulation		1942	30	150	No	Pre 1990 Asset	\$ 9,027	0.0%	\$0
Hay Sewerage	BR5=North West Public School Lachlan and Sturt Place	Sewer Mains	Gravity Reticulation		1942	5	150	No	Pre 1990 Asset	\$ 1,145	0.0%	\$0
Hay Sewerage	F1=Cnr Church and Pine St East side	Sewer Mains	Gravity Reticulation		1942	68	150	No	Pre 1990 Asset	\$ 27,096	0.0%	\$0
Hay Sewerage	F2=Pine St East Side	Sewer Mains	Gravity Reticulation		1942	66	150	No	Pre 1990 Asset	\$ 26,299	0.0%	\$0
Hay Sewerage	F3=East from F2 Pine St	Sewer Mains	Gravity Reticulation		1942	86	150	No	Pre 1990 Asset	\$ 34,269	0.0%	\$0
Hay Sewerage	F4=East from F3 Pine St	Sewer Mains	Gravity Reticulation		1942	78	150	No	Pre 1990 Asset	\$ 31,081	0.0%	\$0
Hay Sewerage	F5=Lachlan St	Sewer Mains	Gravity Reticulation		1942	80	150	No	Pre 1990 Asset	\$ 24,073	0.0%	\$0
Hay Sewerage	H1=Pine St between Church & Macauley Sts	Sewer Mains	Gravity Reticulation		1942	7	150	No	Pre 1990 Asset	\$ 3,436	0.0%	\$0
Hay Sewerage	H2=Cnr Macauley and Pine St	Sewer Mains	Gravity Reticulation		1942	66	150	No	Pre 1990 Asset	\$ 32,400	0.0%	\$0
Hay Sewerage	H3=Cnr Laneway and Pine St	Sewer Mains	Gravity Reticulation		1942	65	150	No	Pre 1990 Asset	\$ 31,909	0.0%	\$0
Hay Sewerage	H4=Cnr Murray and Pine St	Sewer Mains	Gravity Reticulation		1942	60	150	No	Pre 1990 Asset	\$ 23,909	0.0%	\$0
Hay Sewerage	H5=Cnr Murray and Pine St - Railway Cottage	Sewer Mains	Gravity Reticulation		1942	25	150	No	Pre 1990 Asset	\$ 9,962	0.0%	\$0
Hay Sewerage	I1=Laneway between Church and Macauley Sts	Sewer Mains	Gravity Reticulation		1942	78	150	No	Pre 1990 Asset	\$ 31,081	0.0%	\$0
Hay Sewerage	IA2=Orson St	Sewer Mains	Gravity Reticulation		1942	57	150	No	Pre 1990 Asset	\$ 22,713	0.0%	\$0
Hay Sewerage	JB4=McGowan St	Sewer Mains	Gravity Reticulation		1942	49	150	No	Pre 1990 Asset	\$ 14,745	0.0%	\$0
Hay Sewerage	LC2=North from Bank St	Sewer Mains	Gravity Reticulation		1942	60	150	No	Pre 1990 Asset	\$ 18,055	0.0%	\$0
Hay Sewerage	MA1=Fredricka St	Sewer Mains	Gravity Reticulation		1942	40	150	No	Pre 1990 Asset	\$ 12,036	0.0%	\$0
Hay Sewerage	NB1=North of Moss St & East of Frederika St	Sewer Mains	Gravity Reticulation		1942	27	150	No	Pre 1990 Asset	\$ 8,125	0.0%	\$0
Hay Sewerage	O1=Between Waradgery Place and Orson St	Sewer Mains	Gravity Reticulation		1942	47	150	No	Pre 1990 Asset	\$ 23,073	0.0%	\$0
Hay Sewerage	O2=Waradgery Place	Sewer Mains	Gravity Reticulation		1942	20	150	No	Pre 1990 Asset	\$ 7,970	0.0%	\$0
Hay Sewerage	O3=Waradgery St West to Waradgery Place	Sewer Mains	Gravity Reticulation		1942	72	150	No	Pre 1990 Asset	\$ 21,666	0.0%	\$0
Hay Sewerage	O4=South Waradgery St	Sewer Mains	Gravity Reticulation		1942	27	150	No	Pre 1990 Asset	\$ 8,125	0.0%	\$0
Hay Sewerage	OA2=L'way in between Pine & Hope St	Sewer Mains	Gravity Reticulation		1942	80	150	No	Pre 1990 Asset	\$ 24,073	0.0%	\$0
Hay Sewerage	Orson St	Sewer Mains	Gravity Reticulation		1942	67	150	No	Pre 1990 Asset	\$ 26,698	0.0%	\$0
Hay Sewerage	RB/DE=East of Waradgery St	Sewer Mains	Gravity Reticulation		1942	11	150	No	Pre 1990 Asset	\$ 2,519	0.0%	\$0
Hay Sewerage	RB1=East off Waradgery St	Sewer Mains	Gravity Reticulation		1942	66	150	No	Pre 1990 Asset	\$ 15,115	0.0%	\$0
Hay Sewerage	T1=Laneway between Orson and Moppett St	Sewer Mains	Gravity Reticulation		1942	55	150	No	Pre 1990 Asset	\$ 27,000	0.0%	\$0
Hay Sewerage	T10=Between Orson and Moppett St near river	Sewer Mains	Gravity Reticulation		1942	10	150	No	Pre 1990 Asset	\$ 3,009	0.0%	\$0
Hay Sewerage	TM9=Murray St - Motel	Sewer Mains	Gravity Reticulation		1942	75	300	No	Pre 1990 Asset	\$ 58,231	0.0%	\$0
Hay Sewerage		Sewage Treatment Works	Pasveer P2000 - Tertiary Pond		1942			No	Pre 1990 Asset	\$ 1,139,970	0.0%	\$0
Hay Sewerage		Sewage Treatment Works	Preliminary - Inlet Works		1942			No	Pre 1990 Asset	\$ 104,754	0.0%	\$0
Hay Sewerage		Sewer Mains	Rising Mains		1942	515	225	No	Pre 1990 Asset	\$ 155,234	0.0%	\$0
Hay Sewerage	A10=Cnr Leonard & Edward St	Sewer Mains	Gravity Reticulation		1942	76	225	No	Pre 1990 Asset	\$ 46,597	0.0%	\$0
Hay Sewerage	GA4=West from GA3 Parker St	Sewer Mains	Gravity Reticulation		1942	13	150	No	Pre 1990 Asset	\$ 3,912	0.0%	\$0
Hay Sewerage	Pine St St Marys	Sewer Mains	Gravity Reticulation		1942	57	300	No	Pre 1990 Asset	\$ 44,255	0.0%	\$0
Hay Sewerage	PS3=Queen St Pump Stn	Sewer Mains	Gravity Reticulation		1942	9	300	No	Pre 1990 Asset	\$ 6,988	0.0%	\$0
Hay Sewerage	pump station 3	Sewage Pumping Stations	Submersible 50m head		1942	1	58	No	Pre 1990 Asset	\$ 463,839	0.0%	\$0
Hay Sewerage		Sewer Mains	Rising Mains		1942	280	200	No	Pre 1990 Asset	\$ 76,203	0.0%	\$0
Hay Sewerage	BI2=Cadell St	Sewer Mains	Gravity Reticulation		1942	69	150	No	Pre 1990 Asset	\$ 20,763	0.0%	\$0
Hay Sewerage	BJ1=Cadell St North from BI2	Sewer Mains	Gravity Reticulation		1942	20	150	No	Pre 1990 Asset	\$ 4,580	0.0%	\$0
Hay Sewerage	BJ2=Cadell St - Coke St end	Sewer Mains	Gravity Reticulation		1942	37	150	No	Pre 1990 Asset	\$ 8,474	0.0%	\$0
Hay Sewerage	BK1=West towards Coke St	Sewer Mains	Gravity Reticulation		1942	23	150	No	Pre 1990 Asset	\$ 5,267	0.0%	\$0
Hay Sewerage	BL1=West from BE5 Piper St	Sewer Mains	Gravity Reticulation		1942	81	150	No	Pre 1990 Asset	\$ 18,551	0.0%	\$0
Hay Sewerage	BM1=Lane off Piper St West	Sewer Mains	Gravity Reticulation		1942	44	150	No	Pre 1990 Asset	\$ 10,077	0.0%	\$0
Hay Sewerage	BN/DE=Rear of No 375 Church St	Sewer Mains	Gravity Reticulation		1942	65	150	No	Pre 1990 Asset	\$ 14,886	0.0%	\$0
Hay Sewerage	BR/DE=No 389 Balaclava St	Sewer Mains	Gravity Reticulation		1942	51	150	No	Pre 1990 Asset	\$ 11,680	0.0%	\$0
Hay Sewerage	BR6=Cnr 1st Lane and Balaclava St	Sewer Mains	Gravity Reticulation		1942	36	150	No	Pre 1990 Asset	\$ 8,245	0.0%	\$0
Hay Sewerage	BR7=North 1st Lane to Balaclava St	Sewer Mains	Gravity Reticulation		1942	21	150	No	Pre 1990 Asset	\$ 4,809	0.0%	\$0
Hay Sewerage	JA2=Murray St -Bowling Club	Sewer Mains	Gravity Reticulation		1942	80	150	No	Pre 1990 Asset	\$ 31,878	0.0%	\$0
Hay Sewerage	JA3=Murray St	Sewer Mains	Gravity Reticulation		1942	10	150	No	Pre 1990 Asset	\$ 3,009	0.0%	\$0
Hay Sewerage	KC/DE=William St	Sewer Mains	Gravity Reticulation		1942	25	150	No	Pre 1990 Asset	\$ 5,726	0.0%	\$0
Hay Sewerage	KC1=Cnr Cadell and George St	Sewer Mains	Gravity Reticulation		1942	48	150	No	Pre 1990 Asset	\$ 19,127	0.0%	\$0
Hay Sewerage	KC2=Cnr Cadell and William St	Sewer Mains	Gravity Reticulation		1942	54	150	No	Pre 1990 Asset	\$ 21,518	0.0%	\$0
Hay Sewerage	KC3=William St	Sewer Mains	Gravity Reticulation		1942	80	150	No	Pre 1990 Asset	\$ 24,073	0.0%	\$0
Hay Sewerage	KC4=William St	Sewer Mains	Gravity Reticulation		1942	79	150	No	Pre 1990 Asset	\$ 23,772	0.0%	\$0
Hay Sewerage	L/DE1=No 253 Lachlan St	Sewer Mains	Gravity Reticulation		1942	40	150	No	Pre 1990 Asset	\$ 9,161	0.0%	\$0
Hay Sewerage	L/DE2=No 251 Lachlan St	Sewer Mains	Gravity Reticulation		1942	12	150	No	Pre 1990 Asset	\$ 2,748	0.0%	\$0
Hay Sewerage	M2=Cnr Murray and Stephen St	Sewer Mains	Gravity Reticulation		1942	69	150	No	Pre 1990 Asset	\$ 27,495	0.0%	\$0
Hay Sewerage	M3=Stephen St	Sewer Mains	Gravity Reticulation		1942	72	150	No	Pre 1990 Asset	\$ 28,690	0.0%	\$0
Hay Sewerage	M4=Cnr Macauley and Stephen St	Sewer Mains	Gravity Reticulation		1942	68	150	No	Pre 1990 Asset	\$ 20,462	0.0%	\$0

Existing Assets - Sewerage

Asset Service Area(s)	Asset No./ Name	Asset Class	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Sewerage	NA1=Church St	Sewer Mains	Gravity Reticulation		1942	50	150	No	Pre 1990 Asset	\$ 24,545	0.0%	\$0
Hay Sewerage	NA2=Church St in between Lachlan & Pine	Sewer Mains	Gravity Reticulation		1942	60	150	No	Pre 1990 Asset	\$ 18,055	0.0%	\$0
Hay Sewerage	P2=Lachlan St - Pool	Sewer Mains	Gravity Reticulation		1942	40	150	No	Pre 1990 Asset	\$ 9,161	0.0%	\$0
Hay Sewerage	S1=Cnr Church and Stephen St	Sewer Mains	Gravity Reticulation		1942	73	150	No	Pre 1990 Asset	\$ 21,967	0.0%	\$0
Hay Sewerage	Y4=Moppett St - Park	Sewer Mains	Gravity Reticulation		1942	30	150	No	Pre 1990 Asset	\$ 9,027	0.0%	\$0
Hay Sewerage		Sewer Mains	Rising Mains		1942	1	100	No	Pre 1990 Asset	\$ 153	0.0%	\$0
Hay Sewerage	CB1=Clay St Cloughton House	Sewer Mains	Gravity Reticulation		1942	72	150	No	Pre 1990 Asset	\$ 28,690	0.0%	\$0
Hay Sewerage	CB2=Clay St Cloughton House	Sewer Mains	Gravity Reticulation		1942	74	150	No	Pre 1990 Asset	\$ 22,267	0.0%	\$0
Hay Sewerage	CB3=South of CB2 Clay St Cloughton House	Sewer Mains	Gravity Reticulation		1942	78	150	No	Pre 1990 Asset	\$ 17,864	0.0%	\$0
Hay Sewerage	DA1=Cnr George and Clay St	Sewer Mains	Gravity Reticulation		1942	90	150	No	Pre 1990 Asset	\$ 27,082	0.0%	\$0
Hay Sewerage	EA/DE=South from EA2	Sewer Mains	Gravity Reticulation		1942	30	150	No	Pre 1990 Asset	\$ 9,027	0.0%	\$0
Hay Sewerage	pump station 6	Sewage Pumping Stations	Submersible 25m head		1942	1	10	No	Pre 1990 Asset	\$ 154,050	0.0%	\$0
Hay Sewerage	TA1=Between Macauley and Murray St East	Sewer Mains	Gravity Reticulation		1942	35	150	No	Pre 1990 Asset	\$ 8,016	0.0%	\$0
Hay Sewerage	RA4=Laneway East off Edward St	Sewer Mains	Gravity Reticulation		1942	18	150	No	Pre 1990 Asset	\$ 4,122	0.0%	\$0
Hay Sewerage	RA4=L'way off Lachlan in between Macauley	Sewer Mains	Gravity Reticulation		1942	75	150	No	Pre 1990 Asset	\$ 17,177	0.0%	\$0
Hay Sewerage	SA1=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		1942	50	150	No	Pre 1990 Asset	\$ 11,451	0.0%	\$0
Hay Sewerage	V6=Laneway between Cadell and Church St E	Sewer Mains	Gravity Reticulation		1942	38	150	No	Pre 1990 Asset	\$ 8,703	0.0%	\$0
Hay Sewerage	V7=Laneway between Cadell and Church St E	Sewer Mains	Gravity Reticulation		1942	85	150	No	Pre 1990 Asset	\$ 19,467	0.0%	\$0
Hay Sewerage	BE11=Cnr Piper and Macauley St	Sewer Mains	Gravity Reticulation		1942	54	150	No	Pre 1990 Asset	\$ 16,249	0.0%	\$0
Hay Sewerage	BE12= Macauley St	Sewer Mains	Gravity Reticulation		1942	49	150	No	Pre 1990 Asset	\$ 11,222	0.0%	\$0
Hay Sewerage	BO2=Pal Richards Park	Sewer Mains	Gravity Reticulation		1942	25	150	No	Pre 1990 Asset	\$ 9,962	0.0%	\$0
Hay Sewerage	BO3=Cnr Clay and Harrison St	Sewer Mains	Gravity Reticulation		1942	66	150	No	Pre 1990 Asset	\$ 26,299	0.0%	\$0
Hay Sewerage	FB2=Kebble St West	Sewer Mains	Gravity Reticulation		1942	26	150	No	Pre 1990 Asset	\$ 7,824	0.0%	\$0
Hay Sewerage	FB3=Kebble St West	Sewer Mains	Gravity Reticulation		1942	20	150	No	Pre 1990 Asset	\$ 6,018	0.0%	\$0
Hay Sewerage	FB3=Kebble St West	Sewer Mains	Gravity Reticulation		1942	8	150	No	Pre 1990 Asset	\$ 2,407	0.0%	\$0
Hay Sewerage	FB3=Kebble St West	Sewer Mains	Gravity Reticulation		1942	20	150	No	Pre 1990 Asset	\$ 6,018	0.0%	\$0
Hay Sewerage	Harrison St	Sewer Mains	Gravity Reticulation		1942	110	150	No	Pre 1990 Asset	\$ 33,100	0.0%	\$0
Hay Sewerage	J14=Kebble St - Pal Richards Park	Sewer Mains	Gravity Reticulation		1942	59	150	No	Pre 1990 Asset	\$ 17,754	0.0%	\$0
Hay Sewerage	ZK1 - Between Russell & Lang Sts - East of H	Sewer Mains	Gravity Reticulation		1942	11	150	No	Pre 1990 Asset	\$ 2,519	0.0%	\$0
Hay Sewerage	ZK1 - Between Russell & Lang Sts - West of H	Sewer Mains	Gravity Reticulation		1942	80	150	No	Pre 1990 Asset	\$ 18,322	0.0%	\$0
Hay Sewerage	ZL1 - Roset St	Sewer Mains	Gravity Reticulation		1942	46	150	No	Pre 1990 Asset	\$ 10,535	0.0%	\$0
Hay Sewerage	ZM1 - Between Moama & Russell - West of H	Sewer Mains	Gravity Reticulation		1942	38	150	No	Pre 1990 Asset	\$ 8,703	0.0%	\$0
Hay Sewerage	A11=Leonard St	Sewer Mains	Gravity Reticulation		1942	21	225	No	Pre 1990 Asset	\$ 12,875	0.0%	\$0
Hay Sewerage	AA1=Simpson to Lachlan St	Sewer Mains	Gravity Reticulation		1942	41	150	No	Pre 1990 Asset	\$ 16,338	0.0%	\$0
Hay Sewerage	AA2=Belmore to Simpson St	Sewer Mains	Gravity Reticulation		1942	33	150	No	Pre 1990 Asset	\$ 13,150	0.0%	\$0
Hay Sewerage	AA5=Hotel - Lachlan St	Sewer Mains	Gravity Reticulation		1942	41	150	No	Pre 1990 Asset	\$ 12,337	0.0%	\$0
Hay Sewerage	AA6=Motel - Moss St	Sewer Mains	Gravity Reticulation		1942	36	150	No	Pre 1990 Asset	\$ 10,833	0.0%	\$0
Hay Sewerage	AA7=Lane off Moss St	Sewer Mains	Gravity Reticulation		1942	54	150	No	Pre 1990 Asset	\$ 16,249	0.0%	\$0
Hay Sewerage	TA2=Between Macauley and Murray St	Sewer Mains	Gravity Reticulation		1942	50	150	No	Pre 1990 Asset	\$ 15,046	0.0%	\$0
Hay Sewerage	BC1=North from BB1 Myers Lane	Sewer Mains	Gravity Reticulation		1942	43	150	No	Pre 1990 Asset	\$ 12,939	0.0%	\$0
Hay Sewerage	pump station 1	Sewage Pumping Stations	Submersible 50m head		1942	1	91	No	Pre 1990 Asset	\$ 316,111	0.0%	\$0
Hay Sewerage	pump station 2	Sewage Pumping Stations	Submersible 25m head		1942	1	12	No	Pre 1990 Asset	\$ 162,494	0.0%	\$0
Hay Sewerage	pump station 3	Sewage Pumping Stations	Submersible 50m head		1942	1	58	No	Pre 1990 Asset	\$ 300,249	0.0%	\$0
Hay Sewerage	pump station 4	Sewage Pumping Stations	Submersible 50m head		1942	1	27	No	Pre 1990 Asset	\$ 222,631	0.0%	\$0
Hay Sewerage	pump station 4	Sewage Pumping Stations	Submersible 50m head		1942	1	27	No	Pre 1990 Asset	\$ 260,059	0.0%	\$0
Hay Sewerage	pump station 5	Sewage Pumping Stations	Submersible 25m head		1942	1	5	No	Pre 1990 Asset	\$ 132,939	0.0%	\$0
Hay Sewerage	pump station 5	Sewage Pumping Stations	Submersible 25m head		1942	1	5	No	Pre 1990 Asset	\$ 123,811	0.0%	\$0
Hay Sewerage	pump station 6	Sewage Pumping Stations	Submersible 25m head		1942	1	10	No	Pre 1990 Asset	\$ 154,050	0.0%	\$0
Hay Sewerage	ZA1 - Palmer St	Sewer Mains	Gravity Reticulation		1942	32	150	No	Pre 1990 Asset	\$ 7,329	0.0%	\$0
Hay Sewerage	ZA1 - Palmer St	Sewer Mains	Gravity Reticulation		1942	88	225	No	Pre 1990 Asset	\$ 53,954	0.0%	\$0
Hay Sewerage	ZA10 - Russell St - East of Flood St	Sewer Mains	Gravity Reticulation		1942	47	150	No	Pre 1990 Asset	\$ 14,143	0.0%	\$0
Hay Sewerage	ZA10 - Russell St - East of Flood St	Sewer Mains	Gravity Reticulation		1942	70	225	No	Pre 1990 Asset	\$ 35,010	0.0%	\$0
Hay Sewerage	ZA10 - Russell St - East of Flood St	Sewer Mains	Gravity Reticulation		1942	56	150	No	Pre 1990 Asset	\$ 22,315	0.0%	\$0
Hay Sewerage	ZA11 - Flood/Russell Sts	Sewer Mains	Gravity Reticulation		1942	82	225	No	Pre 1990 Asset	\$ 32,170	0.0%	\$0
Hay Sewerage	ZA12 - Russell St - West of Flood St	Sewer Mains	Gravity Reticulation		1942	51	225	No	Pre 1990 Asset	\$ 20,008	0.0%	\$0
Hay Sewerage	ZA12 - Russell St - West of Flood St	Sewer Mains	Gravity Reticulation		1942	56	150	No	Pre 1990 Asset	\$ 22,315	0.0%	\$0
Hay Sewerage	ZA12A - Russell St - West of Flood St	Sewer Mains	Gravity Reticulation		1942	45	225	No	Pre 1990 Asset	\$ 17,654	0.0%	\$0
Hay Sewerage	ZA13 - in Bishops Lodge	Sewer Mains	Gravity Reticulation		1942	79	225	No	Pre 1990 Asset	\$ 30,993	0.0%	\$0
Hay Sewerage	ZA14 - Roset/Russell Sts	Sewer Mains	Gravity Reticulation		1942	25	225	No	Pre 1990 Asset	\$ 9,808	0.0%	\$0
Hay Sewerage	ZA15 - Roset/Russell Sts	Sewer Mains	Gravity Reticulation		1942	67	225	No	Pre 1990 Asset	\$ 26,285	0.0%	\$0
Hay Sewerage	ZA15 - Roset/Russell Sts	Sewer Mains	Gravity Reticulation		1942	51	150	No	Pre 1990 Asset	\$ 15,346	0.0%	\$0
Hay Sewerage	ZA16 - Roset St - North of Moama St	Sewer Mains	Gravity Reticulation		1942	62	225	No	Pre 1990 Asset	\$ 24,323	0.0%	\$0
Hay Sewerage	ZA17 - Between Russell & Moama Sts - East	Sewer Mains	Gravity Reticulation		1942	61	225	No	Pre 1990 Asset	\$ 23,931	0.0%	\$0

Existing Assets - Sewerage

Asset Service Area(s)	Asset No./ Name	Asset Class	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Sewerage	AA3=Service Station to Belmore St	Sewer Mains	Gravity Reticulation		1955	39	150	No	Pre 1990 Asset	\$ 15,541	0.0%	\$0
Hay Sewerage	AA4=Service Station - Lachlan St	Sewer Mains	Gravity Reticulation		1955	27	150	No	Pre 1990 Asset	\$ 10,759	0.0%	\$0
Hay Sewerage	AB2=Belmore St	Sewer Mains	Gravity Reticulation		1955	53	150	No	Pre 1990 Asset	\$ 15,948	0.0%	\$0
Hay Sewerage	AD1=Tennis Club to Lachlan St	Sewer Mains	Gravity Reticulation		1955	75	150	No	Pre 1990 Asset	\$ 29,886	0.0%	\$0
Hay Sewerage	AD2=Behind Tennis Club	Sewer Mains	Gravity Reticulation		1955	21	150	No	Pre 1990 Asset	\$ 6,319	0.0%	\$0
Hay Sewerage	AD3=Behind Tennis Club	Sewer Mains	Gravity Reticulation		1955	29	150	No	Pre 1990 Asset	\$ 8,726	0.0%	\$0
Hay Sewerage	AD5=Randal St	Sewer Mains	Gravity Reticulation		1955	30	150	No	Pre 1990 Asset	\$ 9,027	0.0%	\$0
Hay Sewerage	AD6=To Randal St	Sewer Mains	Gravity Reticulation		1955	30	150	No	Pre 1990 Asset	\$ 9,027	0.0%	\$0
Hay Sewerage	AF1=Cnr Pollard and Randal St	Sewer Mains	Gravity Reticulation		1955	32	150	No	Pre 1990 Asset	\$ 9,629	0.0%	\$0
Hay Sewerage	AF1=Cnr Pollard and Randal St	Sewer Mains	Gravity Reticulation		1955	54	150	No	Pre 1990 Asset	\$ 16,249	0.0%	\$0
Hay Sewerage	AG1=Lane off Alma St	Sewer Mains	Gravity Reticulation		1955	45	150	No	Pre 1990 Asset	\$ 13,541	0.0%	\$0
Hay Sewerage	AG2=Cnr Chancery Lane and River St	Sewer Mains	Gravity Reticulation		1955	55	150	No	Pre 1990 Asset	\$ 16,550	0.0%	\$0
Hay Sewerage	AG3=Chancery Lane	Sewer Mains	Gravity Reticulation		1955	44	150	No	Pre 1990 Asset	\$ 13,240	0.0%	\$0
Hay Sewerage	AG4=Chancery Lane	Sewer Mains	Gravity Reticulation		1955	11	150	No	Pre 1990 Asset	\$ 3,310	0.0%	\$0
Hay Sewerage	KB3=In between Moss & Bank Sts	Sewer Mains	Gravity Reticulation		1955	50	150	No	Pre 1990 Asset	\$ 15,046	0.0%	\$0
Hay Sewerage	KB4=In between Moss & Bank Sts	Sewer Mains	Gravity Reticulation		1955	50	150	No	Pre 1990 Asset	\$ 15,046	0.0%	\$0
Hay Sewerage	KB5=In between Moss & Bank Sts	Sewer Mains	Gravity Reticulation		1955	20	150	No	Pre 1990 Asset	\$ 6,018	0.0%	\$0
Hay Sewerage	L2=Macauley St	Sewer Mains	Gravity Reticulation		1955	78	150	No	Pre 1990 Asset	\$ 38,291	0.0%	\$0
Hay Sewerage	L2=Macauley St	Sewer Mains	Gravity Reticulation		1955	65	150	No	Pre 1990 Asset	\$ 25,901	0.0%	\$0
Hay Sewerage	L3=Macauley St	Sewer Mains	Gravity Reticulation		1955	9	150	No	Pre 1990 Asset	\$ 3,586	0.0%	\$0
Hay Sewerage	LC1=Bank St	Sewer Mains	Gravity Reticulation		1955	50	150	No	Pre 1990 Asset	\$ 15,046	0.0%	\$0
Hay Sewerage	OA1=Laneway between Cadell and Church St	Sewer Mains	Gravity Reticulation		1955	70	150	No	Pre 1990 Asset	\$ 27,893	0.0%	\$0
Hay Sewerage	C3=South East of C2 Pine St	Sewer Mains	Gravity Reticulation		1955	25	225	No	Pre 1990 Asset	\$ 15,328	0.0%	\$0
Hay Sewerage	CA1= South to AB2 Belmore St Line CA	Sewer Mains	Gravity Reticulation		1955	72	150	No	Pre 1990 Asset	\$ 16,490	0.0%	\$0
Hay Sewerage	D1=Cnr Alma & Lachlan Sts	Sewer Mains	Gravity Reticulation		1955	75	300	No	Pre 1990 Asset	\$ 58,231	0.0%	\$0
Hay Sewerage	D2=Cnr Bank and Lachlan St	Sewer Mains	Gravity Reticulation		1955	69	225	No	Pre 1990 Asset	\$ 42,305	0.0%	\$0
Hay Sewerage	D3=Lachlan St	Sewer Mains	Gravity Reticulation		1955	76	225	No	Pre 1990 Asset	\$ 46,597	0.0%	\$0
Hay Sewerage	D4=Lachlan St	Sewer Mains	Gravity Reticulation		1955	78	225	No	Pre 1990 Asset	\$ 47,823	0.0%	\$0
Hay Sewerage	FA1=Cnr Victoria St and Leonard St	Sewer Mains	Gravity Reticulation		1955	85	225	No	Pre 1990 Asset	\$ 52,115	0.0%	\$0
Hay Sewerage	FA2=Cnr Leonard & Prince Sts	Sewer Mains	Gravity Reticulation		1955	90	225	No	Pre 1990 Asset	\$ 55,181	0.0%	\$0
Hay Sewerage	FA3=Cnr Leonard & Prince Sts	Sewer Mains	Gravity Reticulation		1955	8	225	No	Pre 1990 Asset	\$ 4,001	0.0%	\$0
Hay Sewerage	G1=Laneway to Cnr Murray and Pine St	Sewer Mains	Gravity Reticulation		1955	75	300	No	Pre 1990 Asset	\$ 58,231	0.0%	\$0
Hay Sewerage	G2=Cnr Macauley and Pine St	Sewer Mains	Gravity Reticulation		1955	54	300	No	Pre 1990 Asset	\$ 41,926	0.0%	\$0
Hay Sewerage	G3=Cnr Laneway West off Pine St	Sewer Mains	Gravity Reticulation		1955	76	300	No	Pre 1990 Asset	\$ 59,007	0.0%	\$0
Hay Sewerage	GA4=West from GA3 Parker St	Sewer Mains	Gravity Reticulation		1955	15	150	No	Pre 1990 Asset	\$ 3,435	0.0%	\$0
Hay Sewerage	BD/DE1=No 359 Leonard St	Sewer Mains	Gravity Reticulation		1955	38	150	No	Pre 1990 Asset	\$ 11,435	0.0%	\$0
Hay Sewerage	BD/DE2=No 217 Piper St	Sewer Mains	Gravity Reticulation		1955	25	150	No	Pre 1990 Asset	\$ 5,726	0.0%	\$0
Hay Sewerage	BD/DE3=No 214 Coke St	Sewer Mains	Gravity Reticulation		1955	67	150	No	Pre 1990 Asset	\$ 15,344	0.0%	\$0
Hay Sewerage	BE2=Piper St	Sewer Mains	Gravity Reticulation		1955	28	150	No	Pre 1990 Asset	\$ 8,426	0.0%	\$0
Hay Sewerage	BE3=Piper St	Sewer Mains	Gravity Reticulation		1955	56	150	No	Pre 1990 Asset	\$ 16,851	0.0%	\$0
Hay Sewerage	BE4=Cnr Piper and Cadell St	Sewer Mains	Gravity Reticulation		1955	15	150	No	Pre 1990 Asset	\$ 4,514	0.0%	\$0
Hay Sewerage	BE5=Piper St	Sewer Mains	Gravity Reticulation		1955	67	150	No	Pre 1990 Asset	\$ 20,161	0.0%	\$0
Hay Sewerage	BE6=Cnr Lane and Piper St	Sewer Mains	Gravity Reticulation		1955	9	150	No	Pre 1990 Asset	\$ 2,708	0.0%	\$0
Hay Sewerage	BE7=Cnr Church and Piper St	Sewer Mains	Gravity Reticulation		1955	49	150	No	Pre 1990 Asset	\$ 14,745	0.0%	\$0
Hay Sewerage	BE8=Piper St	Sewer Mains	Gravity Reticulation		1955	52	150	No	Pre 1990 Asset	\$ 15,647	0.0%	\$0
Hay Sewerage	BE9=Piper St - Hay Gaol	Sewer Mains	Gravity Reticulation		1955	14	150	No	Pre 1990 Asset	\$ 4,213	0.0%	\$0
Hay Sewerage	BF1=Johnson St	Sewer Mains	Gravity Reticulation		1955	73	150	No	Pre 1990 Asset	\$ 21,967	0.0%	\$0
Hay Sewerage	BG/DE=No 222 Coke St	Sewer Mains	Gravity Reticulation		1955	95	150	No	Pre 1990 Asset	\$ 21,757	0.0%	\$0
Hay Sewerage	BG1=East from BE2 Piper St	Sewer Mains	Gravity Reticulation		1955	94	150	No	Pre 1990 Asset	\$ 28,286	0.0%	\$0
Hay Sewerage	BG2=North East from BG1	Sewer Mains	Gravity Reticulation		1955	24	150	No	Pre 1990 Asset	\$ 7,222	0.0%	\$0
Hay Sewerage	Bi/DE=Cadell St west of Coke St	Sewer Mains	Gravity Reticulation		1955	32	150	No	Pre 1990 Asset	\$ 7,329	0.0%	\$0
Hay Sewerage	BI1=Cadell St from Piper St	Sewer Mains	Gravity Reticulation		1955	55	150	No	Pre 1990 Asset	\$ 16,550	0.0%	\$0
Hay Sewerage	TA1=Between Macauley and Murray St East	Sewer Mains	Gravity Reticulation		1955	72	150	No	Pre 1990 Asset	\$ 21,666	0.0%	\$0
Hay Sewerage	TA3=Between Macauley and Murray St West	Sewer Mains	Gravity Reticulation		1955	59	150	No	Pre 1990 Asset	\$ 17,754	0.0%	\$0
Hay Sewerage	BT/DE2=No 379 Church St	Sewer Mains	Gravity Reticulation		1955	17	150	No	Pre 1990 Asset	\$ 3,893	0.0%	\$0
Hay Sewerage	AB1=Belmore St	Sewer Mains	Gravity Reticulation		1958	73	150	No	Pre 1990 Asset	\$ 29,089	0.0%	\$0
Hay Sewerage	I2=Back Lane between Church & Macauley St	Sewer Mains	Gravity Reticulation		1958	78	150	No	Pre 1990 Asset	\$ 31,081	0.0%	\$0
Hay Sewerage	IA/DE=St Marys School	Sewer Mains	Gravity Reticulation		1958	50	150	No	Pre 1990 Asset	\$ 15,046	0.0%	\$0
Hay Sewerage	KA1=Back Lane in between Murray & Macauley St	Sewer Mains	Gravity Reticulation		1958	60	150	No	Pre 1990 Asset	\$ 23,909	0.0%	\$0
Hay Sewerage	QB/DE=No 455 Water St	Sewer Mains	Gravity Reticulation		1958	23	150	No	Pre 1990 Asset	\$ 6,921	0.0%	\$0
Hay Sewerage	QB1=North from Water St	Sewer Mains	Gravity Reticulation		1958	70	150	No	Pre 1990 Asset	\$ 21,064	0.0%	\$0
Hay Sewerage	QB2=South from Waradgery Place	Sewer Mains	Gravity Reticulation		1958	71	150	No	Pre 1990 Asset	\$ 21,365	0.0%	\$0
Hay Sewerage	T2=Laneway between Orson and Moppett St	Sewer Mains	Gravity Reticulation		1958	57	150	No	Pre 1990 Asset	\$ 22,713	0.0%	\$0

Existing Assets - Sewerage

Asset Service Area(s)	Asset No./ Name	Asset Class	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Sewerage	T3=Hatty St	Sewer Mains	Gravity Reticulation		1958	61	150	No	Pre 1990 Asset	\$ 24,307	0.0%	\$0
Hay Sewerage	T4=Between Orson and Moppett St West off	Sewer Mains	Gravity Reticulation		1958	55	150	No	Pre 1990 Asset	\$ 21,916	0.0%	\$0
Hay Sewerage	T5=Between Orson and Moppett St West off	Sewer Mains	Gravity Reticulation		1958	66	150	No	Pre 1990 Asset	\$ 26,299	0.0%	\$0
Hay Sewerage	T6=In rear No 489 Orson St	Sewer Mains	Gravity Reticulation		1958	2	150	No	Pre 1990 Asset	\$ 602	0.0%	\$0
Hay Sewerage	T7=Between Orson and Moppett St near river	Sewer Mains	Gravity Reticulation		1958	20	150	No	Pre 1990 Asset	\$ 6,018	0.0%	\$0
Hay Sewerage	XA1=Between Orson and Moppett St	Sewer Mains	Gravity Reticulation		1958	73	150	No	Pre 1990 Asset	\$ 29,089	0.0%	\$0
Hay Sewerage	XA2=Between Orson and Moppett St	Sewer Mains	Gravity Reticulation		1958	20	150	No	Pre 1990 Asset	\$ 6,018	0.0%	\$0
Hay Sewerage	XA3=Between Orson and Moppett St	Sewer Mains	Gravity Reticulation		1958	45	150	No	Pre 1990 Asset	\$ 13,541	0.0%	\$0
Hay Sewerage	XA4=Between Orson and Moppett St - St Ma	Sewer Mains	Gravity Reticulation		1958	60	150	No	Pre 1990 Asset	\$ 13,741	0.0%	\$0
Hay Sewerage		Sewage Treatment Works	Disinfection UV		1958			No	Pre 1990 Asset	\$ 18,614	0.0%	\$0
Hay Sewerage		Sewage Treatment Works	Pasveer P2000 - Preliminary Treatment		1958			No	Pre 1990 Asset	\$ 284,993	0.0%	\$0
Hay Sewerage		Sewage Treatment Works	Pasveer P2000 - Tric kling Filters		1958			No	Pre 1990 Asset	\$ 1,424,963	0.0%	\$0
Hay Sewerage		Sewage Treatment Works	Siteworks		1958			No	Pre 1990 Asset	\$ 400,530	0.0%	\$0
Hay Sewerage		Sewage Treatment Works	Sludge Lagoons		1958			No	Pre 1990 Asset	\$ 282,425	0.0%	\$0
Hay Sewerage		Sewer Mains	Rising Mains		1958	1400	300	No	Pre 1990 Asset	\$ 569,369	0.0%	\$0
Hay Sewerage	PS1=Depot Pump Station	Sewer Mains	Gravity Reticulation		1958	5	300	No	Pre 1990 Asset	\$ 3,882	0.0%	\$0
Hay Sewerage	pump station 1	Sewage Pumping Stations	Submersible 50m head		1958	1	91	No	Pre 1990 Asset	\$ 675,971	0.0%	\$0
Hay Sewerage	TM11=Murray St - Bowling Club	Sewer Mains	Gravity Reticulation		1958	75	300	No	Pre 1990 Asset	\$ 58,231	0.0%	\$0
Hay Sewerage	TM12=Murray St	Sewer Mains	Gravity Reticulation		1958	75	300	No	Pre 1990 Asset	\$ 58,231	0.0%	\$0
Hay Sewerage	TM13=Cnr Piper and Murray St	Sewer Mains	Gravity Reticulation		1958	73	300	No	Pre 1990 Asset	\$ 56,678	0.0%	\$0
Hay Sewerage	TM14=Murray St	Sewer Mains	Gravity Reticulation		1958	73	300	No	Pre 1990 Asset	\$ 56,678	0.0%	\$0
Hay Sewerage	TM15=Murray St - Old Goods Shed	Sewer Mains	Gravity Reticulation		1958	73	300	No	Pre 1990 Asset	\$ 56,678	0.0%	\$0
Hay Sewerage	TM18=Murray St	Sewer Mains	Gravity Reticulation		1958	79	300	No	Pre 1990 Asset	\$ 61,337	0.0%	\$0
Hay Sewerage	TM19=Cnr West and Murray St	Sewer Mains	Gravity Reticulation		1958	59	300	No	Pre 1990 Asset	\$ 45,808	0.0%	\$0
Hay Sewerage	TM1-Murray St - Old Ambulance Station	Sewer Mains	Gravity Reticulation		1958	66	225	No	Pre 1990 Asset	\$ 25,893	0.0%	\$0
Hay Sewerage	TM2=Murray St - Hospital	Sewer Mains	Gravity Reticulation		1958	70	225	No	Pre 1990 Asset	\$ 27,462	0.0%	\$0
Hay Sewerage	TM20=Murray St	Sewer Mains	Gravity Reticulation		1958	60	300	No	Pre 1990 Asset	\$ 46,585	0.0%	\$0
Hay Sewerage	TM21=Murray St	Sewer Mains	Gravity Reticulation		1958	72	300	No	Pre 1990 Asset	\$ 55,902	0.0%	\$0
Hay Sewerage	TM3=Murray St - Hay Surgery	Sewer Mains	Gravity Reticulation		1958	65	225	No	Pre 1990 Asset	\$ 25,500	0.0%	\$0
Hay Sewerage	TM4=Cnr Piper and Murray St	Sewer Mains	Gravity Reticulation		1958	74	225	No	Pre 1990 Asset	\$ 37,011	0.0%	\$0
Hay Sewerage	TM5=Murray St - Services Club	Sewer Mains	Gravity Reticulation		1958	78	300	No	Pre 1990 Asset	\$ 52,550	0.0%	\$0
Hay Sewerage	TM8=Murray St - Harrisons Transports	Sewer Mains	Gravity Reticulation		1958	88	300	No	Pre 1990 Asset	\$ 59,287	0.0%	\$0
Hay Sewerage	A10A=Leonard St	Sewer Mains	Gravity Reticulation		1958	44	225	No	Pre 1990 Asset	\$ 26,977	0.0%	\$0
Hay Sewerage	A11=Leonard St	Sewer Mains	Gravity Reticulation		1958	31	225	No	Pre 1990 Asset	\$ 19,007	0.0%	\$0
Hay Sewerage	A2=Moppett St - Anglican Church	Sewer Mains	Gravity Reticulation		1958	70	300	No	Pre 1990 Asset	\$ 54,349	0.0%	\$0
Hay Sewerage	BB3=Myers Lane	Sewer Mains	Gravity Reticulation		1958	33	150	No	Pre 1990 Asset	\$ 9,930	0.0%	\$0
Hay Sewerage	BZ2=Myers Lane Units	Sewer Mains	Gravity Reticulation		1958	19	150	No	Pre 1990 Asset	\$ 4,351	0.0%	\$0
Hay Sewerage	BZ3=No 392 Leonard St	Sewer Mains	Gravity Reticulation		1958	19	150	No	Pre 1990 Asset	\$ 4,351	0.0%	\$0
Hay Sewerage	C1=Pine St	Sewer Mains	Gravity Reticulation		1958	80	225	No	Pre 1990 Asset	\$ 49,050	0.0%	\$0
Hay Sewerage	AU1=Flats to Murphys Lane	Sewer Mains	Gravity Reticulation		1958	62	150	No	Pre 1990 Asset	\$ 14,199	0.0%	\$0
Hay Sewerage	AV1=High School Pine St to Rays Lane	Sewer Mains	Gravity Reticulation		1958	85	150	No	Pre 1990 Asset	\$ 25,577	0.0%	\$0
Hay Sewerage	AX1=Off end of Rays Lane	Sewer Mains	Gravity Reticulation		1958	89	150	No	Pre 1990 Asset	\$ 26,781	0.0%	\$0
Hay Sewerage	BN1 West from BE8 off Piper St	Sewer Mains	Gravity Reticulation		1958	83	150	No	Pre 1990 Asset	\$ 19,009	0.0%	\$0
Hay Sewerage	BP1=Hay Gaol Piper St end	Sewer Mains	Gravity Reticulation		1958	60	150	No	Pre 1990 Asset	\$ 13,741	0.0%	\$0
Hay Sewerage	BP2=Hay Gaol Coke St end	Sewer Mains	Gravity Reticulation		1958	54	150	No	Pre 1990 Asset	\$ 12,367	0.0%	\$0
Hay Sewerage	BQ/DE=North West from BQ1	Sewer Mains	Gravity Reticulation		1958	28	150	No	Pre 1990 Asset	\$ 6,413	0.0%	\$0
Hay Sewerage	BW/DE=West of BW1	Sewer Mains	Gravity Reticulation		1958	10	150	No	Pre 1990 Asset	\$ 2,290	0.0%	\$0
Hay Sewerage	I3=Back Lane off Hope St in between Church	Sewer Mains	Gravity Reticulation		1958	80	150	No	Pre 1990 Asset	\$ 31,878	0.0%	\$0
Hay Sewerage	I4=Back Lane between Church & Macauley of	Sewer Mains	Gravity Reticulation		1958	80	150	No	Pre 1990 Asset	\$ 24,073	0.0%	\$0
Hay Sewerage	I5=Back Lane between Church & Macauley S	Sewer Mains	Gravity Reticulation		1958	95	150	No	Pre 1990 Asset	\$ 21,757	0.0%	\$0
Hay Sewerage	I5=Back Lane between Church & Macauley S	Sewer Mains	Gravity Reticulation		1958	10	150	No	Pre 1990 Asset	\$ 3,009	0.0%	\$0
Hay Sewerage	J10=Cnr Cadell and George St	Sewer Mains	Gravity Reticulation		1958	65	225	No	Pre 1990 Asset	\$ 32,510	0.0%	\$0
Hay Sewerage	J2=Council Depot	Sewer Mains	Gravity Reticulation		1958	70	225	No	Pre 1990 Asset	\$ 42,918	0.0%	\$0
Hay Sewerage	J3=Council Depot	Sewer Mains	Gravity Reticulation		1958	70	225	No	Pre 1990 Asset	\$ 42,918	0.0%	\$0
Hay Sewerage	J4=Fertilising Shed near Council Depot	Sewer Mains	Gravity Reticulation		1958	68	225	No	Pre 1990 Asset	\$ 41,692	0.0%	\$0
Hay Sewerage	J5=North East Macauley St neat Council Dep	Sewer Mains	Gravity Reticulation		1958	74	225	No	Pre 1990 Asset	\$ 45,371	0.0%	\$0
Hay Sewerage	J6=Macauley Street - Saleyards	Sewer Mains	Gravity Reticulation		1958	78	225	No	Pre 1990 Asset	\$ 47,823	0.0%	\$0
Hay Sewerage	J7=Saleyards Macauley St	Sewer Mains	Gravity Reticulation		1958	65	225	No	Pre 1990 Asset	\$ 39,853	0.0%	\$0
Hay Sewerage	L/DE3=Rear No 254 Lachlan St	Sewer Mains	Gravity Reticulation		1958		150	No	Pre 1990 Asset	\$ 229	0.0%	\$0
Hay Sewerage	L4= Cnr Lachlan and Macauley St	Sewer Mains	Gravity Reticulation		1958	100	150	No	Pre 1990 Asset	\$ 30,091	0.0%	\$0
Hay Sewerage	L5=Macauley St	Sewer Mains	Gravity Reticulation		1958	10	150	No	Pre 1990 Asset	\$ 2,290	0.0%	\$0
Hay Sewerage	LA1=Mid Western Highway - Tree Plantation	Sewer Mains	Gravity Reticulation		1958	149	150	No	Pre 1990 Asset	\$ 44,836	0.0%	\$0
Hay Sewerage	LB1=Cadell St	Sewer Mains	Gravity Reticulation		1958	66	150	No	Pre 1990 Asset	\$ 26,299	0.0%	\$0

Existing Assets - Sewerage

Asset Service Area(s)	Asset No./ Name	Asset Class	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Sewerage	LB4=Cnr Walls Lane and Park St	Sewer Mains	Gravity Reticulation		1958	43	150	No	Pre 1990 Asset	\$ 12,939	0.0%	\$0
Hay Sewerage	LB5=Walls Lane	Sewer Mains	Gravity Reticulation		1958	78	150	No	Pre 1990 Asset	\$ 23,471	0.0%	\$0
Hay Sewerage	M0=North Mid Western Highway	Sewer Mains	Gravity Reticulation		1958	69	150	No	Pre 1990 Asset	\$ 27,495	0.0%	\$0
Hay Sewerage	M5=Stephen St	Sewer Mains	Gravity Reticulation		1958	60	150	No	Pre 1990 Asset	\$ 18,055	0.0%	\$0
Hay Sewerage	M6=West off Stephen St	Sewer Mains	Gravity Reticulation		1958	35	150	No	Pre 1990 Asset	\$ 10,532	0.0%	\$0
Hay Sewerage	M7=West off Stephen St	Sewer Mains	Gravity Reticulation		1958	79	150	No	Pre 1990 Asset	\$ 23,772	0.0%	\$0
Hay Sewerage	M8=East off Coke St	Sewer Mains	Gravity Reticulation		1958	70	150	No	Pre 1990 Asset	\$ 16,031	0.0%	\$0
Hay Sewerage	MB1=Macauley St	Sewer Mains	Gravity Reticulation		1958	25	150	No	Pre 1990 Asset	\$ 5,726	0.0%	\$0
Hay Sewerage	MB2=Macauley St / Lachlan St Back Lane	Sewer Mains	Gravity Reticulation		1958	65	150	No	Pre 1990 Asset	\$ 14,886	0.0%	\$0
Hay Sewerage	MC1=Park St	Sewer Mains	Gravity Reticulation		1958	46	150	No	Pre 1990 Asset	\$ 13,842	0.0%	\$0
Hay Sewerage	MC2=North Park St	Sewer Mains	Gravity Reticulation		1958	9	150	No	Pre 1990 Asset	\$ 2,061	0.0%	\$0
Hay Sewerage	MD1=Macauley St West of Lachlan St	Sewer Mains	Gravity Reticulation		1958	21	150	No	Pre 1990 Asset	\$ 6,319	0.0%	\$0
Hay Sewerage	NC1=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		1958	58	150	No	Pre 1990 Asset	\$ 17,453	0.0%	\$0
Hay Sewerage	NC2=L'way in between Coke & Stephen St	Sewer Mains	Gravity Reticulation		1958	60	150	No	Pre 1990 Asset	\$ 18,055	0.0%	\$0
Hay Sewerage	NC3=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		1958	71	150	No	Pre 1990 Asset	\$ 21,365	0.0%	\$0
Hay Sewerage	ND1=Cadell St	Sewer Mains	Gravity Reticulation		1958	95	150	No	Pre 1990 Asset	\$ 28,587	0.0%	\$0
Hay Sewerage	ND1=North Cadell St - Jones	Sewer Mains	Gravity Reticulation		1958	30	150	No	Pre 1990 Asset	\$ 9,027	0.0%	\$0
Hay Sewerage	OA3=Hope St	Sewer Mains	Gravity Reticulation		1958	80	150	No	Pre 1990 Asset	\$ 18,322	0.0%	\$0
Hay Sewerage	OA3=Laneway off Hope St West	Sewer Mains	Gravity Reticulation		1958	67	150	No	Pre 1990 Asset	\$ 15,344	0.0%	\$0
Hay Sewerage	P1=Cnr Lachlan and Church St - Pool	Sewer Mains	Gravity Reticulation		1958	82	150	No	Pre 1990 Asset	\$ 18,780	0.0%	\$0
Hay Sewerage	PB3=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		1958	78	150	No	Pre 1990 Asset	\$ 23,471	0.0%	\$0
Hay Sewerage	PS1=Depot Sewer Well	Sewer Mains	Gravity Reticulation		1958	7	225	No	Pre 1990 Asset	\$ 4,292	0.0%	\$0
Hay Sewerage	PS2=Hospital Pump Station	Sewer Mains	Gravity Reticulation		1958	6	150	No	Pre 1990 Asset	\$ 2,391	0.0%	\$0
Hay Sewerage	pump station 2	Sewage Pumping Stations	Submersible 25m head		1958	1	12	No	Pre 1990 Asset	\$ 166,146	0.0%	\$0
Hay Sewerage	Q1=Laneway between Macauley and Church	Sewer Mains	Gravity Reticulation		1958	80	150	No	Pre 1990 Asset	\$ 24,073	0.0%	\$0
Hay Sewerage	Q2=L'way in between Stephen & Bourke Sts	Sewer Mains	Gravity Reticulation		1958	78	150	No	Pre 1990 Asset	\$ 23,471	0.0%	\$0
Hay Sewerage	Q3=Laneway between Stephen and Bourke St	Sewer Mains	Gravity Reticulation		1958	39	150	No	Pre 1990 Asset	\$ 11,736	0.0%	\$0
Hay Sewerage	Q2=Church St	Sewer Mains	Gravity Reticulation		1958	50	150	No	Pre 1990 Asset	\$ 11,451	0.0%	\$0
Hay Sewerage	U2=North to U1 - West off Hatty St	Sewer Mains	Gravity Reticulation		1958	31	150	No	Pre 1990 Asset	\$ 7,100	0.0%	\$0
Hay Sewerage	U3=South Hatty Lane	Sewer Mains	Gravity Reticulation		1958	45	150	No	Pre 1990 Asset	\$ 10,306	0.0%	\$0
Hay Sewerage	Y1=Cnr Moppett and Pine St - St Mary's Sch	Sewer Mains	Gravity Reticulation		1958	20	150	No	Pre 1990 Asset	\$ 6,018	0.0%	\$0
Hay Sewerage	Y2=Moppett St	Sewer Mains	Gravity Reticulation		1958	126	150	No	Pre 1990 Asset	\$ 37,915	0.0%	\$0
Hay Sewerage	DA2=Clay St	Sewer Mains	Gravity Reticulation		1958	69	150	No	Pre 1990 Asset	\$ 20,763	0.0%	\$0
Hay Sewerage	DA3= South West Clay St	Sewer Mains	Gravity Reticulation		1958	14	150	No	Pre 1990 Asset	\$ 4,213	0.0%	\$0
Hay Sewerage	EA1=West of BO1 Pal Richards Park	Sewer Mains	Gravity Reticulation		1958	60	150	No	Pre 1990 Asset	\$ 23,909	0.0%	\$0
Hay Sewerage	EA2=West of EA1 Pal Richards Park	Sewer Mains	Gravity Reticulation		1958	82	150	No	Pre 1990 Asset	\$ 32,675	0.0%	\$0
Hay Sewerage	J11=George St	Sewer Mains	Gravity Reticulation		1958	80	150	No	Pre 1990 Asset	\$ 31,878	0.0%	\$0
Hay Sewerage	J12=George St	Sewer Mains	Gravity Reticulation		1958	77	150	No	Pre 1990 Asset	\$ 30,683	0.0%	\$0
Hay Sewerage	J13=Keble St	Sewer Mains	Gravity Reticulation		1958	19	150	No	Pre 1990 Asset	\$ 5,717	0.0%	\$0
Hay Sewerage	TA3=Between Macauley and Murray St West	Sewer Mains	Gravity Reticulation		1958	30	150	No	Pre 1990 Asset	\$ 6,871	0.0%	\$0
Hay Sewerage	TA3=Between Macauley and Murray St West	Sewer Mains	Gravity Reticulation		1958	35	150	No	Pre 1990 Asset	\$ 8,016	0.0%	\$0
Hay Sewerage	BK1=North from BJ2 Cadell St	Sewer Mains	Gravity Reticulation		1958	70	150	No	Pre 1990 Asset	\$ 16,031	0.0%	\$0
Hay Sewerage	BV2=Maiden Lane	Sewer Mains	Gravity Reticulation		1958	28	150	No	Pre 1990 Asset	\$ 6,413	0.0%	\$0
Hay Sewerage	ND/DE2=Cnr Cadell and Hursley St	Sewer Mains	Gravity Reticulation		1958	32	150	No	Pre 1990 Asset	\$ 9,629	0.0%	\$0
Hay Sewerage	ND2=Cnr Cadell and Hursley St	Sewer Mains	Gravity Reticulation		1958	54	150	No	Pre 1990 Asset	\$ 16,249	0.0%	\$0
Hay Sewerage	YA1=Between Macauley and Church St West	Sewer Mains	Gravity Reticulation		1958	88	150	No	Pre 1990 Asset	\$ 20,154	0.0%	\$0
Hay Sewerage	YA2=Between Macauley and Church St West	Sewer Mains	Gravity Reticulation		1958	49	150	No	Pre 1990 Asset	\$ 11,222	0.0%	\$0
Hay Sewerage	ZA19 - Between Russell & Moama Sts - West	Sewer Mains	Gravity Reticulation		1958	23	150	No	Pre 1990 Asset	\$ 5,267	0.0%	\$0
Hay Sewerage	ZA2 - Palmer St	Sewer Mains	Gravity Reticulation		1958	39	150	No	Pre 1990 Asset	\$ 8,932	0.0%	\$0
Hay Sewerage	ZH1 - Between Russell & Moama Sts - West	Sewer Mains	Gravity Reticulation		1958	13	150	No	Pre 1990 Asset	\$ 2,977	0.0%	\$0
Hay Sewerage	ZN1 - Russell St West of Shell St	Sewer Mains	Gravity Reticulation		1958	41	150	No	Pre 1990 Asset	\$ 9,390	0.0%	\$0
Hay Sewerage	ZO1 - Russell St - West of Miller St	Sewer Mains	Gravity Reticulation		1958	53	150	No	Pre 1990 Asset	\$ 26,018	0.0%	\$0
Hay Sewerage	ZO1 - Russell St - West of Miller St	Sewer Mains	Gravity Reticulation		1958	61	150	No	Pre 1990 Asset	\$ 24,307	0.0%	\$0
Hay Sewerage	ZO1A - Between Russell & Lang Sts - West of	Sewer Mains	Gravity Reticulation		1958	74	150	No	Pre 1990 Asset	\$ 36,327	0.0%	\$0
Hay Sewerage	AC2=Back St	Sewer Mains	Gravity Reticulation		1961	61	150	No	Pre 1990 Asset	\$ 18,356	0.0%	\$0
Hay Sewerage	D5=Lachlan St	Sewer Mains	Gravity Reticulation		1961	69	225	No	Pre 1990 Asset	\$ 42,305	0.0%	\$0
Hay Sewerage	D6=Lachlan St	Sewer Mains	Gravity Reticulation		1961	53	225	No	Pre 1990 Asset	\$ 26,508	0.0%	\$0
Hay Sewerage	EB1=Cnr Alma St & Wilkins Ln	Sewer Mains	Gravity Reticulation		1961	61	225	No	Pre 1990 Asset	\$ 37,400	0.0%	\$0
Hay Sewerage	G4=Cnr Church and Pine St	Sewer Mains	Gravity Reticulation		1961	58	300	No	Pre 1990 Asset	\$ 45,032	0.0%	\$0
Hay Sewerage	G5=Cnr Laneway West off Pine St	Sewer Mains	Gravity Reticulation		1961	75	300	No	Pre 1990 Asset	\$ 58,231	0.0%	\$0
Hay Sewerage	G6=Cnr Cadell and Pine St	Sewer Mains	Gravity Reticulation		1961	55	300	No	Pre 1990 Asset	\$ 42,703	0.0%	\$0
Hay Sewerage	GA2=East from Parker St	Sewer Mains	Gravity Reticulation		1961	3	150	No	Pre 1990 Asset	\$ 903	0.0%	\$0
Hay Sewerage	GA3=North Parker St	Sewer Mains	Gravity Reticulation		1961	20	150	No	Pre 1990 Asset	\$ 4,580	0.0%	\$0

Existing Assets - Sewerage

Asset Service Area(s)	Asset No./ Name	Asset Class	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Sewerage	GA3=West from Parker St	Sewer Mains	Gravity Reticulation		1961	37	150	No	Pre 1990 Asset	\$ 11,134	0.0%	\$0
Hay Sewerage	BR8=North to Cadell St	Sewer Mains	Gravity Reticulation		1961	52	150	No	Pre 1990 Asset	\$ 11,909	0.0%	\$0
Hay Sewerage	BW1=West of BT4 Edward St	Sewer Mains	Gravity Reticulation		1961	75	150	No	Pre 1990 Asset	\$ 17,177	0.0%	\$0
Hay Sewerage	BX/DE=East of BX1	Sewer Mains	Gravity Reticulation		1961	61	150	No	Pre 1990 Asset	\$ 13,970	0.0%	\$0
Hay Sewerage	F6=Cnr Lachlan St and Laneway	Sewer Mains	Gravity Reticulation		1961	9	150	No	Pre 1990 Asset	\$ 2,708	0.0%	\$0
Hay Sewerage	BT6=Edward St	Sewer Mains	Gravity Reticulation		1961	27	150	No	Pre 1990 Asset	\$ 6,184	0.0%	\$0
Hay Sewerage	J15=Pal Richards Park - Keble St	Sewer Mains	Gravity Reticulation		1961	55	150	No	Pre 1990 Asset	\$ 12,596	0.0%	\$0
Hay Sewerage	KD1=Near Hospital Well	Sewer Mains	Gravity Reticulation		1961	10	150	No	Pre 1990 Asset	\$ 2,290	0.0%	\$0
Hay Sewerage	KD2=Blacks Property North of Mid Western	Sewer Mains	Gravity Reticulation		1961	6	150	No	Pre 1990 Asset	\$ 1,374	0.0%	\$0
Hay Sewerage	KD2=Blacks Property North of Mid Western	Sewer Mains	Gravity Reticulation		1961	115	150	No	Pre 1990 Asset	\$ 26,337	0.0%	\$0
Hay Sewerage	PS4 - Palmer/Lang Sts	Sewer Mains	Gravity Reticulation		1961	30	225	No	Pre 1990 Asset	\$ 18,394	0.0%	\$0
Hay Sewerage	PS5 - Russell St - West of Miller St	Sewer Mains	Gravity Reticulation		1961	7	150	No	Pre 1990 Asset	\$ 3,436	0.0%	\$0
Hay Sewerage	PS6 = Pal Richards Pump Stn	Sewer Mains	Gravity Reticulation		1961	3	150	No	Pre 1990 Asset	\$ 1,195	0.0%	\$0
Hay Sewerage	RA1=Edward St	Sewer Mains	Gravity Reticulation		1972	75	150	No	Pre 1990 Asset	\$ 22,568	0.0%	\$0
Hay Sewerage	RA2=Edward St East	Sewer Mains	Gravity Reticulation		1972	95	150	No	Pre 1990 Asset	\$ 21,757	0.0%	\$0
Hay Sewerage	RA2=Laneway East off Edward St	Sewer Mains	Gravity Reticulation		1972	22	150	No	Pre 1990 Asset	\$ 6,620	0.0%	\$0
Hay Sewerage	RA3=Laneway East off Edward St	Sewer Mains	Gravity Reticulation		1972	80	150	No	Pre 1990 Asset	\$ 18,322	0.0%	\$0
Hay Sewerage	X4=No 477 Macauley St	Sewer Mains	Gravity Reticulation		1972	71	150	No	Pre 1990 Asset	\$ 21,365	0.0%	\$0
Hay Sewerage	KB1=Pine St - Lilbourne	Sewer Mains	Gravity Reticulation		1975	70	150	No	Pre 1990 Asset	\$ 27,893	0.0%	\$0
Hay Sewerage	PC1=Waradgery Place	Sewer Mains	Gravity Reticulation		1975	50	150	No	Pre 1990 Asset	\$ 19,924	0.0%	\$0
Hay Sewerage	TM16=Cnr Hope and Murray St	Sewer Mains	Gravity Reticulation		1975	79	300	No	Pre 1990 Asset	\$ 61,337	0.0%	\$0
Hay Sewerage	TM17=Murray St	Sewer Mains	Gravity Reticulation		1975	79	300	No	Pre 1990 Asset	\$ 61,337	0.0%	\$0
Hay Sewerage	A3=Moppett St - Tourist Centre	Sewer Mains	Gravity Reticulation		1975	81	300	No	Pre 1990 Asset	\$ 62,889	0.0%	\$0
Hay Sewerage	A4=Cnr Moppett & Lachlan St	Sewer Mains	Gravity Reticulation		1975	80	300	No	Pre 1990 Asset	\$ 62,113	0.0%	\$0
Hay Sewerage	A5=Cnr Lachlan & Moore St	Sewer Mains	Gravity Reticulation		1975	79	300	No	Pre 1990 Asset	\$ 61,337	0.0%	\$0
Hay Sewerage	A6=Cnr Lachlan & Church Lane	Sewer Mains	Gravity Reticulation		1975	83	300	No	Pre 1990 Asset	\$ 64,442	0.0%	\$0
Hay Sewerage	A7=Cnr Lachlan & Leonard St	Sewer Mains	Gravity Reticulation		1975	65	300	No	Pre 1990 Asset	\$ 50,467	0.0%	\$0
Hay Sewerage	A8=Leonard St - Public School	Sewer Mains	Gravity Reticulation		1975	73	225	No	Pre 1990 Asset	\$ 44,758	0.0%	\$0
Hay Sewerage	A9=Leonard St - Public School	Sewer Mains	Gravity Reticulation		1975	75	225	No	Pre 1990 Asset	\$ 45,984	0.0%	\$0
Hay Sewerage	B1=Court House Moppett St	Sewer Mains	Gravity Reticulation		1975	34	300	No	Pre 1990 Asset	\$ 26,398	0.0%	\$0
Hay Sewerage	B2=Cnr Moppett and Pine St	Sewer Mains	Gravity Reticulation		1975	46	300	No	Pre 1990 Asset	\$ 35,715	0.0%	\$0
Hay Sewerage	B4=Cnr Orson and Pine St	Sewer Mains	Gravity Reticulation		1975	59	300	No	Pre 1990 Asset	\$ 45,808	0.0%	\$0
Hay Sewerage	B5=Catholic Church to Cnr Pine St	Sewer Mains	Gravity Reticulation		1975	79	225	No	Pre 1990 Asset	\$ 48,436	0.0%	\$0
Hay Sewerage	B6=Orson St	Sewer Mains	Gravity Reticulation		1975	82	225	No	Pre 1990 Asset	\$ 50,276	0.0%	\$0
Hay Sewerage	B7=Orson St	Sewer Mains	Gravity Reticulation		1975	83	225	No	Pre 1990 Asset	\$ 50,889	0.0%	\$0
Hay Sewerage	West from BL1	Sewer Mains	Gravity Reticulation		1975	24	150	No	Pre 1990 Asset	\$ 5,497	0.0%	\$0
Hay Sewerage	Y3=Moppett St - Park	Sewer Mains	Gravity Reticulation		1975	72	150	No	Pre 1990 Asset	\$ 21,666	0.0%	\$0
Hay Sewerage	SA2=Lway in between Murray & Macauley of	Sewer Mains	Gravity Reticulation		1975	85	150	No	Pre 1990 Asset	\$ 19,467	0.0%	\$0
Hay Sewerage	V1=West St near Murray St	Sewer Mains	Gravity Reticulation		1975	75	150	No	Pre 1990 Asset	\$ 36,818	0.0%	\$0
Hay Sewerage	V2=Cnr Macauley and West St	Sewer Mains	Gravity Reticulation		1975	72	150	No	Pre 1990 Asset	\$ 35,345	0.0%	\$0
Hay Sewerage	V3=West St	Sewer Mains	Gravity Reticulation		1975	60	150	No	Pre 1990 Asset	\$ 23,909	0.0%	\$0
Hay Sewerage	V4=Cnr West and Church St	Sewer Mains	Gravity Reticulation		1975	41	150	No	Pre 1990 Asset	\$ 16,338	0.0%	\$0
Hay Sewerage	V5=West St near Cadell St	Sewer Mains	Gravity Reticulation		1975	83	150	No	Pre 1990 Asset	\$ 24,976	0.0%	\$0
Hay Sewerage	Z1=Between Cadell and Church St West from	Sewer Mains	Gravity Reticulation		1975	65	150	No	Pre 1990 Asset	\$ 14,886	0.0%	\$0
Hay Sewerage	Z1=Between Cadell and Church St West from	Sewer Mains	Gravity Reticulation		1975	68	150	No	Pre 1990 Asset	\$ 20,462	0.0%	\$0
Hay Sewerage	ZA1=Moppett St - St. Mary's Block	Sewer Mains	Gravity Reticulation		1975	40	150	No	Pre 1990 Asset	\$ 12,036	0.0%	\$0
Hay Sewerage	ZA4 - East of Palmer St	Sewer Mains	Gravity Reticulation		1975	76	225	No	Pre 1990 Asset	\$ 46,597	0.0%	\$0
Hay Sewerage	ZA5 - West of Lachlan St @ Russell St	Sewer Mains	Gravity Reticulation		1975	75	225	No	Pre 1990 Asset	\$ 45,984	0.0%	\$0
Hay Sewerage	ZA6 - Russell St - West of Lachlan St	Sewer Mains	Gravity Reticulation		1975	84	225	No	Pre 1990 Asset	\$ 51,502	0.0%	\$0
Hay Sewerage	ZA7 - Russell/Nailor Sts	Sewer Mains	Gravity Reticulation		1975	71	225	No	Pre 1990 Asset	\$ 43,531	0.0%	\$0
Hay Sewerage	ZA8 - Russell St - West of Nailor St	Sewer Mains	Gravity Reticulation		1975	63	225	No	Pre 1990 Asset	\$ 31,509	0.0%	\$0
Hay Sewerage	ZA9 - Russell St - West of Nailor St	Sewer Mains	Gravity Reticulation		1975	85	225	No	Pre 1990 Asset	\$ 42,513	0.0%	\$0
Hay Sewerage	ZC1 - Palmer St	Sewer Mains	Gravity Reticulation		1975	17	150	No	Pre 1990 Asset	\$ 3,893	0.0%	\$0
Hay Sewerage	ZD1 - Russell St behind Mobil	Sewer Mains	Gravity Reticulation		1975	51	150	No	Pre 1990 Asset	\$ 20,322	0.0%	\$0
Hay Sewerage	ZD2 - Between Russell & Moama Sts - East c	Sewer Mains	Gravity Reticulation		1975	40	150	No	Pre 1990 Asset	\$ 9,161	0.0%	\$0
Hay Sewerage	ZD2 - Between Russell & Moama Sts - East c	Sewer Mains	Gravity Reticulation		1975	40	150	No	Pre 1990 Asset	\$ 12,036	0.0%	\$0
Hay Sewerage	ZD3 - Between Russell & Moama Sts - East c	Sewer Mains	Gravity Reticulation		1975	78	150	No	Pre 1990 Asset	\$ 17,864	0.0%	\$0
Hay Sewerage	ZD4 - Archer St - North of Moama St	Sewer Mains	Gravity Reticulation		1975	81	150	No	Pre 1990 Asset	\$ 18,551	0.0%	\$0
Hay Sewerage	ZH1 - Between Russell & Moama Sts - West	Sewer Mains	Gravity Reticulation		1975	32	150	No	Pre 1990 Asset	\$ 12,751	0.0%	\$0
Hay Sewerage	ZH1A - Between Russell & Moama Sts - Wes	Sewer Mains	Gravity Reticulation		1975	53	150	No	Pre 1990 Asset	\$ 12,138	0.0%	\$0
Hay Sewerage	ZH2 - Between Russell & Moama Sts - East c	Sewer Mains	Gravity Reticulation		1975	19	150	No	Pre 1990 Asset	\$ 4,351	0.0%	\$0
Hay Sewerage	ZH2 - Between Russell & Moama Sts - East c	Sewer Mains	Gravity Reticulation		1975	48	150	No	Pre 1990 Asset	\$ 10,993	0.0%	\$0
Hay Sewerage	ZH3 - Between Russell & Moama Sts - East c	Sewer Mains	Gravity Reticulation		1975	8	150	No	Pre 1990 Asset	\$ 1,832	0.0%	\$0

Existing Assets - Sewerage

Asset Service Area(s)	Asset No./ Name	Asset Class	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Sewerage	ZJ1 - Moama/Sheil Sts	Sewer Mains	Gravity Reticulation		1975	47	150	No	Pre 1990 Asset	\$ 10,764	0.0%	\$0
Hay Sewerage	Z02 - Between Russell & Lang Sts - West of	Sewer Mains	Gravity Reticulation		1975	71	150	No	Pre 1990 Asset	\$ 34,854	0.0%	\$0
Hay Sewerage	Z02 - Between Russell & Lang Sts - West of	Sewer Mains	Gravity Reticulation		1975	19	150	No	Pre 1990 Asset	\$ 7,571	0.0%	\$0
Hay Sewerage	Z03 - Miller St	Sewer Mains	Gravity Reticulation		1975	85	150	No	Pre 1990 Asset	\$ 41,727	0.0%	\$0
Hay Sewerage	Z04 - Between Miller & Boon Sts - North of C	Sewer Mains	Gravity Reticulation		1975	76	150	No	Pre 1990 Asset	\$ 30,284	0.0%	\$0
Hay Sewerage	Z05 - Between Miller & Boon Sts - North of C	Sewer Mains	Gravity Reticulation		1975	85	150	No	Pre 1990 Asset	\$ 33,870	0.0%	\$0
Hay Sewerage	AB3=Belmore St	Sewer Mains	Gravity Reticulation		1980	17	150	No	Pre 1990 Asset	\$ 3,893	0.0%	\$0
Hay Sewerage	AC1=Back St to Simpson St	Sewer Mains	Gravity Reticulation		1980	50	150	No	Pre 1990 Asset	\$ 15,046	0.0%	\$0
Hay Sewerage	AM2=Lane North of Macgregor St	Sewer Mains	Gravity Reticulation		1980	65	150	No	Pre 1990 Asset	\$ 19,559	0.0%	\$0
Hay Sewerage	T8=Between Orson and Moppett St near river	Sewer Mains	Gravity Reticulation		1980	60	150	No	Pre 1990 Asset	\$ 18,055	0.0%	\$0
Hay Sewerage	T9=Between Orson and Moppett St near river	Sewer Mains	Gravity Reticulation		1980	57	150	No	Pre 1990 Asset	\$ 17,152	0.0%	\$0
Hay Sewerage	TM22=Murray St	Sewer Mains	Gravity Reticulation		1980	74	300	No	Pre 1990 Asset	\$ 57,454	0.0%	\$0
Hay Sewerage	TM23=Council Depot	Sewer Mains	Gravity Reticulation		1980	73	300	No	Pre 1990 Asset	\$ 56,678	0.0%	\$0
Hay Sewerage	BD6=Cnr Mabons drive and Piper St	Sewer Mains	Gravity Reticulation		1980	33	150	No	Pre 1990 Asset	\$ 13,150	0.0%	\$0
Hay Sewerage	BD7=O/s No 213 Piper St	Sewer Mains	Gravity Reticulation		1980	23	150	No	Pre 1990 Asset	\$ 6,921	0.0%	\$0
Hay Sewerage	BD8=No 213 Piper St	Sewer Mains	Gravity Reticulation		1980	20	150	No	Pre 1990 Asset	\$ 6,018	0.0%	\$0
Hay Sewerage	BD9=Rear of No 355 Leonard St	Sewer Mains	Gravity Reticulation		1980	59	150	No	Pre 1990 Asset	\$ 13,512	0.0%	\$0
Hay Sewerage	BE1=Cnr Piper and Johnson St	Sewer Mains	Gravity Reticulation		1980	33	150	No	Pre 1990 Asset	\$ 9,930	0.0%	\$0
Hay Sewerage	BE10=Cnr Lane and Piper St - Hay Gaol	Sewer Mains	Gravity Reticulation		1980	10	150	No	Pre 1990 Asset	\$ 3,009	0.0%	\$0
Hay Sewerage	BM/DE West from BM1 Lane off Piper St	Sewer Mains	Gravity Reticulation		1980	25	150	No	Pre 1990 Asset	\$ 5,726	0.0%	\$0
Hay Sewerage	F7= East off Lachlan St in laneway	Sewer Mains	Gravity Reticulation		1980	36	150	No	Pre 1990 Asset	\$ 10,833	0.0%	\$0
Hay Sewerage	F7= East off Lachlan St in laneway	Sewer Mains	Gravity Reticulation		1980	88	150	No	Pre 1990 Asset	\$ 26,480	0.0%	\$0
Hay Sewerage	LB1A=Cadell St South	Sewer Mains	Gravity Reticulation		1980	2	150	No	Pre 1990 Asset	\$ 602	0.0%	\$0
Hay Sewerage	LB2=Cnr Cadell St and Walls Lane	Sewer Mains	Gravity Reticulation		1980	59	150	No	Pre 1990 Asset	\$ 23,510	0.0%	\$0
Hay Sewerage	LB3=Walls Lane	Sewer Mains	Gravity Reticulation		1980	60	150	No	Pre 1990 Asset	\$ 23,909	0.0%	\$0
Hay Sewerage	TB1=In West Wing grounds	Sewer Mains	Gravity Reticulation		1980	14	150	No	Pre 1990 Asset	\$ 3,206	0.0%	\$0
Hay Sewerage	QA/DE=RTA Depoy	Sewer Mains	Gravity Reticulation		1980	6	150	No	Pre 1990 Asset	\$ 1,374	0.0%	\$0
Hay Sewerage	QA1=Back of the RTA Depot	Sewer Mains	Gravity Reticulation		1980	70	150	No	Pre 1990 Asset	\$ 27,893	0.0%	\$0
Hay Sewerage	AX2=Rear of 224 Lachlan St	Sewer Mains	Gravity Reticulation		1980	54	150	No	Pre 1990 Asset	\$ 16,249	0.0%	\$0
Hay Sewerage	BJ3=Cnr Cadell and Coke St	Sewer Mains	Gravity Reticulation		1980	34	150	No	Pre 1990 Asset	\$ 7,787	0.0%	\$0
Hay Sewerage	BT/DE1=Church St East of Edward St	Sewer Mains	Gravity Reticulation		1980	40	150	No	Pre 1990 Asset	\$ 9,161	0.0%	\$0
Hay Sewerage	BT1=Cnr Balaclava and Edward St	Sewer Mains	Gravity Reticulation		1980	62	150	No	Pre 1990 Asset	\$ 24,706	0.0%	\$0
Hay Sewerage	BT2=Edward St	Sewer Mains	Gravity Reticulation		1980	50	150	No	Pre 1990 Asset	\$ 19,924	0.0%	\$0
Hay Sewerage	BT3=Edward St	Sewer Mains	Gravity Reticulation		1980	17	150	No	Pre 1990 Asset	\$ 5,115	0.0%	\$0
Hay Sewerage	BT4=Edward St	Sewer Mains	Gravity Reticulation		1980	119	150	No	Pre 1990 Asset	\$ 35,808	0.0%	\$0
Hay Sewerage	BT5=Cnr Edward and Church St	Sewer Mains	Gravity Reticulation		1980	78	150	No	Pre 1990 Asset	\$ 23,471	0.0%	\$0
Hay Sewerage	Z05 - Between Miller & Boon Sts - North of C	Sewer Mains	Gravity Reticulation		1980	14	150	No	Pre 1990 Asset	\$ 3,206	0.0%	\$0
Hay Sewerage	Z05 - Between Miller & Boon Sts - North of C	Sewer Mains	Gravity Reticulation		1980	56	150	No	Pre 1990 Asset	\$ 16,851	0.0%	\$0
Hay Sewerage	Z06 - Boon St	Sewer Mains	Gravity Reticulation		1980	29	150	No	Pre 1990 Asset	\$ 6,642	0.0%	\$0
Hay Sewerage	Z06 - Boon St	Sewer Mains	Gravity Reticulation		1980	69	150	No	Pre 1990 Asset	\$ 20,763	0.0%	\$0
Hay Sewerage	Z07 - Boon St	Sewer Mains	Gravity Reticulation		1980	50	150	No	Pre 1990 Asset	\$ 15,046	0.0%	\$0
Hay Sewerage	Z02- Between Russell & Lang Sts - East of S	Sewer Mains	Gravity Reticulation		1980	72	150	No	Pre 1990 Asset	\$ 35,345	0.0%	\$0
Hay Sewerage	ZQ3 - Sheil St - North of Russell St	Sewer Mains	Gravity Reticulation		1980	58	150	No	Pre 1990 Asset	\$ 17,453	0.0%	\$0
Hay Sewerage	ZQ3 - Sheil St - North of Russell St	Sewer Mains	Gravity Reticulation		1980	89	150	No	Pre 1990 Asset	\$ 35,464	0.0%	\$0
Hay Sewerage	ZQ4 - Lang/Sheil Sts	Sewer Mains	Gravity Reticulation		1980	89	150	No	Pre 1990 Asset	\$ 26,781	0.0%	\$0
Hay Sewerage	ZQ4 - Lang/Sheil Sts	Sewer Mains	Gravity Reticulation		1980	64	150	No	Pre 1990 Asset	\$ 19,258	0.0%	\$0
Hay Sewerage	ZQ5 - Lang St - East of Sheil St	Sewer Mains	Gravity Reticulation		1980	82	150	No	Pre 1990 Asset	\$ 24,675	0.0%	\$0
Hay Sewerage	ZR1- Lang St - Westof Sheil St	Sewer Mains	Gravity Reticulation		1980	80	150	No	Pre 1990 Asset	\$ 24,073	0.0%	\$0
Hay Sewerage	ZR2- Lang St - Westof Sheil St	Sewer Mains	Gravity Reticulation		1980	25	150	No	Pre 1990 Asset	\$ 5,726	0.0%	\$0
Hay Sewerage	ZW1 - Between Moama & Russell Sts - West	Sewer Mains	Gravity Reticulation		1980	80	150	No	Pre 1990 Asset	\$ 24,073	0.0%	\$0
Hay Sewerage	ZX1 - Between Russell & Lang Sts - West of	Sewer Mains	Gravity Reticulation		1980	123	150	No	Pre 1990 Asset	\$ 37,012	0.0%	\$0
Hay Sewerage	Y5=Community Building Park	Sewer Mains	Gravity Reticulation		1980	72	150	No	Pre 1990 Asset	\$ 16,490	0.0%	\$0
Hay Sewerage	Y5=Community Building Park	Sewer Mains	Gravity Reticulation		1980	29	150	No	Pre 1990 Asset	\$ 6,642	0.0%	\$0
Hay Sewerage	ZA12 - Russell St - West of Flood St	Sewer Mains	Gravity Reticulation		1980	45	150	No	Pre 1990 Asset	\$ 13,541	0.0%	\$0
Hay Sewerage	ZY1 - Between Russell & Lang Sts - East of F	Sewer Mains	Gravity Reticulation		1980	30	150	No	Pre 1990 Asset	\$ 9,027	0.0%	\$0
Hay Sewerage	ZY1 - Between Russell & Lang Sts - East of F	Sewer Mains	Gravity Reticulation		1980	56	150	No	Pre 1990 Asset	\$ 16,851	0.0%	\$0
Hay Sewerage	ZY2 - Lang St - Between Flood & Roset Sts	Sewer Mains	Gravity Reticulation		1980	108	150	No	Pre 1990 Asset	\$ 32,498	0.0%	\$0
Hay Sewerage	ZY2 - Lang St - Between Flood & Roset Sts	Sewer Mains	Gravity Reticulation		1980	108	150	No	Pre 1990 Asset	\$ 32,498	0.0%	\$0
Hay Sewerage	ZY2 - Lang St - Between Flood & Roset Sts	Sewer Mains	Gravity Reticulation		1980	13	150	No	Pre 1990 Asset	\$ 3,912	0.0%	\$0
Hay Sewerage	ZY3 - Lang St - Between Flood & Roset Sts	Sewer Mains	Gravity Reticulation		1980	63	150	No	Pre 1990 Asset	\$ 18,957	0.0%	\$0
Hay Sewerage	ZY4 - Lang St - West of Roset St	Sewer Mains	Gravity Reticulation		1980	60	150	No	Pre 1990 Asset	\$ 13,741	0.0%	\$0
Hay Sewerage	ZZ1 - Between Moama & Lang Sts - North of	Sewer Mains	Gravity Reticulation		1980	37	150	No	Pre 1990 Asset	\$ 8,474	0.0%	\$0
Hay Sewerage	BV2=South Maiden Lane	Sewer Mains	Gravity Reticulation		1980	43	150	No	Pre 1990 Asset	\$ 9,848	0.0%	\$0

Existing Assets - Sewerage

Asset Service Area(s)	Asset No./ Name	Asset Class	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Sewerage	UA1=Railway Cottages	Sewer Mains	Gravity Reticulation		1980	28	150	No	Pre 1990 Asset	\$ 6,413	0.0%	\$0
Hay Sewerage		Sewer Mains	Rising Mains		1980	4	75	No	Pre 1990 Asset	\$ 530	0.0%	\$0
Hay Sewerage	PS7=Stephen St Pump Station	Sewer Mains	Gravity Reticulation		1980	92	150	No	Pre 1990 Asset	\$ 27,684	0.0%	\$0
Hay Sewerage	pump station 7	Sewage Pumping Stations	Submersible 25m head		1980	1	5	No	Pre 1990 Asset	\$ 132,939	0.0%	\$0
Hay Sewerage	pump station 7	Sewage Pumping Stations	Submersible 25m head		1980	1	5	No	Pre 1990 Asset	\$ 123,811	0.0%	\$0
Hay Sewerage	R1=Adjacent to PS7	Sewer Mains	Gravity Reticulation		1980	60	150	No	Pre 1990 Asset	\$ 18,055	0.0%	\$0
Hay Sewerage	RC1=In lane behind No 338 Church St	Sewer Mains	Gravity Reticulation		1980	85	150	No	Pre 1990 Asset	\$ 19,467	0.0%	\$0
Hay Sewerage	BQ1= 2nd Lane off Piper St West	Sewer Mains	Gravity Reticulation		1980	79	150	No	Pre 1990 Asset	\$ 18,093	0.0%	\$0
Hay Sewerage	BQ2=West from BQ1	Sewer Mains	Gravity Reticulation		1980	64	150	No	Pre 1990 Asset	\$ 14,657	0.0%	\$0
Hay Sewerage	BY1=Moss St	Sewer Mains	Gravity Reticulation		1980	55	150	No	Pre 1990 Asset	\$ 16,550	0.0%	\$0
Hay Sewerage	MA2=Moss St	Sewer Mains	Gravity Reticulation		1980	26	150	No	Pre 1990 Asset	\$ 7,824	0.0%	\$0
Hay Sewerage	MA3=South Moss St	Sewer Mains	Gravity Reticulation		1980	18	150	No	Pre 1990 Asset	\$ 5,416	0.0%	\$0
Hay Sewerage	BC2=West from BC1	Sewer Mains	Gravity Reticulation		1980	52	150	No	Pre 1990 Asset	\$ 15,647	0.0%	\$0
Hay Sewerage	E1=Booligal Road	Sewer Mains	Gravity Reticulation		1980	89	150	No	Pre 1990 Asset	\$ 35,464	0.0%	\$0
Hay Sewerage	E2=Booligal Road	Sewer Mains	Gravity Reticulation		1980	60	150	No	Pre 1990 Asset	\$ 18,055	0.0%	\$0
Hay Sewerage	E3=Showground Rd	Sewer Mains	Gravity Reticulation		1980	60	150	No	Pre 1990 Asset	\$ 13,741	0.0%	\$0
Hay Sewerage	JB1=East end of McGowan St	Sewer Mains	Gravity Reticulation		1980	28	150	No	Pre 1990 Asset	\$ 11,157	0.0%	\$0
Hay Sewerage	JB2= East end of McGowan St	Sewer Mains	Gravity Reticulation		1980	16	150	No	Pre 1990 Asset	\$ 4,815	0.0%	\$0
Hay Sewerage	JB3=Cnr Parker and McGowan St	Sewer Mains	Gravity Reticulation		1980	43	150	No	Pre 1990 Asset	\$ 12,939	0.0%	\$0
Hay Sewerage	PA1=Near RFS building	Sewer Mains	Gravity Reticulation		1980	70	150	No	Pre 1990 Asset	\$ 21,064	0.0%	\$0
Hay Sewerage	T3=Hatty St South of Moppett St	Sewer Mains	Gravity Reticulation		1980	10	150	No	Pre 1990 Asset	\$ 3,009	0.0%	\$0
Hay Sewerage	U4=West from Hatty St near Water St	Sewer Mains	Gravity Reticulation		1980	37	150	No	Pre 1990 Asset	\$ 8,474	0.0%	\$0
Hay Sewerage	U5=East from U4 to Hatty St near Water St	Sewer Mains	Gravity Reticulation		1980	9	150	No	Pre 1990 Asset	\$ 2,061	0.0%	\$0
Hay Sewerage	T3=Hatty St South of Moppett St	Sewer Mains	Gravity Reticulation		1980	86	150	No	Pre 1990 Asset	\$ 25,878	0.0%	\$0
Hay Sewerage	BH1=South West from BE3 Piper St	Sewer Mains	Gravity Reticulation		1980	56	150	No	Pre 1990 Asset	\$ 16,851	0.0%	\$0
Hay Sewerage	AL/DE=No 374 Alma St	Sewer Mains	Gravity Reticulation		1980	25	150	No	Pre 1990 Asset	\$ 5,726	0.0%	\$0
Hay Sewerage	AL4=Cnr Bidgee Drive and Lane South off M	Sewer Mains	Gravity Reticulation		1980	21	150	No	Pre 1990 Asset	\$ 6,319	0.0%	\$0
Hay Sewerage	AL5=Cnr Alma and Bidgee Drive	Sewer Mains	Gravity Reticulation		1980	42	150	No	Pre 1990 Asset	\$ 9,619	0.0%	\$0
Hay Sewerage	U/DE=Hatty Lane	Sewer Mains	Gravity Reticulation		1980	26	150	No	Pre 1990 Asset	\$ 5,955	0.0%	\$0
Hay Sewerage	AW/DE=Old Hibernian Hotel Site	Sewer Mains	Gravity Reticulation		1980	23	150	No	Pre 1990 Asset	\$ 5,267	0.0%	\$0
Hay Sewerage	AW3= Memorial Hall South West to AW2	Sewer Mains	Gravity Reticulation		1980	23	150	No	Pre 1990 Asset	\$ 6,921	0.0%	\$0
Hay Sewerage	AW4= Memorial Hall South West to AW2	Sewer Mains	Gravity Reticulation		1980	30	150	No	Pre 1990 Asset	\$ 6,871	0.0%	\$0
Hay Sewerage		Sewer Mains	Rising Mains		1980	146	50	No	Pre 1990 Asset	\$ 16,344	0.0%	\$0
Hay Sewerage	J12A=Cnr George and Keble St	Sewer Mains	Gravity Reticulation		1980	53	150	No	Pre 1990 Asset	\$ 15,948	0.0%	\$0
Hay Sewerage	PS7=Stephen St Pump Station	Sewer Mains	Gravity Reticulation		1980	7	150	No	Pre 1990 Asset	\$ 2,106	0.0%	\$0
Hay Sewerage	PS8=Cadell St Pump Station	Sewer Mains	Gravity Reticulation		1980	54	150	No	Pre 1990 Asset	\$ 16,249	0.0%	\$0
Hay Sewerage	pump station 8	Sewage Pumping Stations	Submersible 25m head		1980	1	5	No	Pre 1990 Asset	\$ 132,939	0.0%	\$0
Hay Sewerage	pump station 8	Sewage Pumping Stations	Submersible 25m head		1980	1	5	No	Pre 1990 Asset	\$ 123,811	0.0%	\$0
Hay Sewerage	RD1=Stephen St	Sewer Mains	Gravity Reticulation		1980	32	150	No	Pre 1990 Asset	\$ 9,629	0.0%	\$0
Hay Sewerage	RD2=Stephen St	Sewer Mains	Gravity Reticulation		1980	50	150	No	Pre 1990 Asset	\$ 15,046	0.0%	\$0
Hay Sewerage	RD3=Cnr Stephen & Cadell Sts	Sewer Mains	Gravity Reticulation		1980	27	150	No	Pre 1990 Asset	\$ 8,125	0.0%	\$0
Hay Sewerage	RE/DE=South of Church St	Sewer Mains	Gravity Reticulation		1980	16	150	No	Pre 1990 Asset	\$ 3,664	0.0%	\$0
Hay Sewerage	RE2=East of RE1	Sewer Mains	Gravity Reticulation		1980	60	150	No	Pre 1990 Asset	\$ 18,055	0.0%	\$0
Hay Sewerage	RF/DE=Cadell St East of Stephen St	Sewer Mains	Gravity Reticulation		1980	54	150	No	Pre 1990 Asset	\$ 12,367	0.0%	\$0
Hay Sewerage	RG1=Cadell St West of Bouke St	Sewer Mains	Gravity Reticulation		1980	21	150	No	Pre 1990 Asset	\$ 6,319	0.0%	\$0
Hay Sewerage	ZO1A - Between Russell & Lang Sts - West o	Sewer Mains	Gravity Reticulation		1985	61	150	No	Pre 1990 Asset	\$ 29,945	0.0%	\$0
Hay Sewerage	ZO2 - Between Russell & Lang Sts - West of	Sewer Mains	Gravity Reticulation		1985	34	150	No	Pre 1990 Asset	\$ 7,787	0.0%	\$0
Hay Sewerage	ZQ3 - Shell St - North of Russell St	Sewer Mains	Gravity Reticulation		1985	170	150	No	Pre 1990 Asset	\$ 67,741	0.0%	\$0
Hay Sewerage	RG2= West of Bouke St & North of Cadell St	Sewer Mains	Gravity Reticulation		1985	48	150	No	Pre 1990 Asset	\$ 10,993	0.0%	\$0
Hay Sewerage	RG2= West of Bouke St & North of Cadell St	Sewer Mains	Gravity Reticulation		1985	63	150	No	Pre 1990 Asset	\$ 18,957	0.0%	\$0
Hay Sewerage	AL1=Lane South off Macgregor St	Sewer Mains	Gravity Reticulation		1985	65	150	No	Pre 1990 Asset	\$ 25,901	0.0%	\$0
Hay Sewerage	AY1 = Victoria St	Sewer Mains	Gravity Reticulation		1985	27	150	No	Pre 1990 Asset	\$ 8,125	0.0%	\$0
Hay Sewerage	U1=North from Orson St - West off Hatty St	Sewer Mains	Gravity Reticulation		1985	80	150	No	Pre 1990 Asset	\$ 24,073	0.0%	\$0
Hay Sewerage	Sandy Point SPS	Sewage Pumping Stations	Submersible 25m head		1985	1	2	No	Pre 1990 Asset	\$ 120,273	0.0%	\$0
Hay Sewerage	Sandy Point SPS	Sewage Pumping Stations	Submersible 25m head		1985	1	2	No	Pre 1990 Asset	\$ 105,667	0.0%	\$0
Hay Sewerage	Sandy Point SPS RM	Sewer Mains	Rising Mains		1985	650	40	No	Pre 1990 Asset	\$ 67,423	0.0%	\$0
Hay Sewerage	B8=Orson St	Sewer Mains	Gravity Reticulation		1988	94	225	No	Pre 1990 Asset	\$ 57,633	0.0%	\$0
Hay Sewerage	ZA3 - Palmer/Russell Sts	Sewer Mains	Gravity Reticulation		1988	81	150	No	Pre 1990 Asset	\$ 39,763	0.0%	\$0
Hay Sewerage	AC3=Back St	Sewer Mains	Gravity Reticulation		1991	92	150	No	Reticulation Asset	\$ 27,684	0.0%	\$0
Hay Sewerage	QA2=IN between Readymix & RTA Depot	Sewer Mains	Gravity Reticulation		1991	50	150	No	Reticulation Asset	\$ 15,046	0.0%	\$0
Hay Sewerage	BU1=East to BT2 Edward St	Sewer Mains	Gravity Reticulation		1991	63	150	No	Reticulation Asset	\$ 14,428	0.0%	\$0
Hay Sewerage	BU2=South to BU1	Sewer Mains	Gravity Reticulation		1991	8	150	No	Reticulation Asset	\$ 1,832	0.0%	\$0
Hay Sewerage	SA2=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		1991	35	150	No	Reticulation Asset	\$ 8,016	0.0%	\$0

Existing Assets - Sewerage

Asset Service Area(s)	Asset No./ Name	Asset Class	Asset Type	Asset Details	Year	Asset Description		Include in DSP?	Justification	MEERA Value	Recoverable Proportion	Recoverable MEERA
						Length (m)	Diameter (mm)					
Hay Sewerage	W1=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		1991	29	150	No	Reticulation Asset	\$ 8,726	0.0%	\$0
Hay Sewerage	TM6=Murray St - Services Club	Sewer Mains	Gravity Reticulation		1992	78	300	Yes	Post 1990 Trunk Asset	\$ 52,550	50.0%	\$26,275
Hay Sewerage	TM7=Cnr Edward and Murray St	Sewer Mains	Gravity Reticulation		1992	60	300	Yes	Post 1990 Trunk Asset	\$ 40,423	50.0%	\$20,211
Hay Sewerage	C2=West of C1 Pine St	Sewer Mains	Gravity Reticulation		1994	72	225	Yes	Post 1990 Trunk Asset	\$ 44,145	50.0%	\$22,072
Hay Sewerage	PB1=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		1994	50	150	No	Reticulation Asset	\$ 15,046	0.0%	\$0
Hay Sewerage	PB2=Lway in between Stephen & Bourke Sts	Sewer Mains	Gravity Reticulation		1994	75	150	No	Reticulation Asset	\$ 22,568	0.0%	\$0
Hay Sewerage	PC2= Laneway South of Waradgery Place	Sewer Mains	Gravity Reticulation		1995	70	150	No	Reticulation Asset	\$ 21,064	0.0%	\$0
Hay Sewerage	GA1=East from Parker St	Sewer Mains	Gravity Reticulation		1995	67	150	No	Reticulation Asset	\$ 20,161	0.0%	\$0
Hay Sewerage	GA1=North - Line H Parker St	Sewer Mains	Gravity Reticulation		1995	20	150	No	Reticulation Asset	\$ 4,580	0.0%	\$0
Hay Sewerage	GA1=South - Line H Parker St	Sewer Mains	Gravity Reticulation		1995	15	150	No	Reticulation Asset	\$ 3,435	0.0%	\$0
Hay Sewerage	J8=Saleyards South J7Macauley St	Sewer Mains	Gravity Reticulation		1995	65	225	Yes	Post 1990 Trunk Asset	\$ 39,853	50.0%	\$19,926
Hay Sewerage	J9=Saleyards Cadell St	Sewer Mains	Gravity Reticulation		1995	65	225	Yes	Post 1990 Trunk Asset	\$ 39,853	50.0%	\$19,926
Hay Sewerage	JA1=Murray St	Sewer Mains	Gravity Reticulation		1995	80	150	No	Reticulation Asset	\$ 31,878	0.0%	\$0
Hay Sewerage	J/DE= Keble St East of Hathaways Ln	Sewer Mains	Gravity Reticulation		1995	72	150	No	Reticulation Asset	\$ 21,666	0.0%	\$0
Hay Sewerage	FB2=Keble St West	Sewer Mains	Gravity Reticulation		1995	8	150	No	Reticulation Asset	\$ 2,407	0.0%	\$0
Hay Sewerage	ZA2 - Palmer St	Sewer Mains	Gravity Reticulation		1995	41	225	Yes	Post 1990 Trunk Asset	\$ 25,138	50.0%	\$12,569
Hay Sewerage	ZA3 - Palmer/Russell Sts	Sewer Mains	Gravity Reticulation		1995	35	225	Yes	Post 1990 Trunk Asset	\$ 21,459	50.0%	\$10,730
Hay Sewerage	FB1=Keble St	Sewer Mains	Gravity Reticulation		1996	55	150	No	Reticulation Asset	\$ 16,550	0.0%	\$0
Hay Sewerage	TM10=Cnr Lachlan and Murray St	Sewer Mains	Gravity Reticulation		1998	75	300	Yes	Post 1990 Trunk Asset	\$ 58,231	50.0%	\$29,115
Hay Sewerage	AT1=Beckwith Lane to Strachan Place	Sewer Mains	Gravity Reticulation		2000	68	150	No	Reticulation Asset	\$ 20,462	0.0%	\$0
Hay Sewerage	AW2=Rear of Memorial Hall	Sewer Mains	Gravity Reticulation		2000	54	150	No	Reticulation Asset	\$ 16,249	0.0%	\$0
Hay Sewerage	BA1=Myers Lane North to Leonard St	Sewer Mains	Gravity Reticulation		2000	60	150	No	Reticulation Asset	\$ 23,909	0.0%	\$0
Hay Sewerage	ZA18 - Between Russell & Moama Sts - East	Sewer Mains	Gravity Reticulation		2000	62	150	No	Reticulation Asset	\$ 14,199	0.0%	\$0
Hay Sewerage	IA1=South of IA2 Orson St	Sewer Mains	Gravity Reticulation		2002	53	150	No	Reticulation Asset	\$ 21,119	0.0%	\$0
Hay Sewerage	KA/DE1=No 434 Murray St	Sewer Mains	Gravity Reticulation		2002	15	150	No	Reticulation Asset	\$ 4,514	0.0%	\$0
Hay Sewerage	KA/DE2=West Back Lane between Murray &	Sewer Mains	Gravity Reticulation		2002	30	150	No	Reticulation Asset	\$ 9,027	0.0%	\$0
Hay Sewerage	AD/DE=Old Ambulanc Stn	Sewer Mains	Gravity Reticulation		2004	25	150	No	Reticulation Asset	\$ 7,523	0.0%	\$0
Hay Sewerage	BX1=East of BT4 Edward St	Sewer Mains	Gravity Reticulation		2004	58	150	No	Reticulation Asset	\$ 13,283	0.0%	\$0
Hay Sewerage	QA3=RTA Depot	Sewer Mains	Gravity Reticulation		2004	66	150	No	Reticulation Asset	\$ 19,860	0.0%	\$0
Hay Sewerage	RTA Depot	Sewer Mains	Gravity Reticulation		2004	80	150	No	Reticulation Asset	\$ 18,322	0.0%	\$0
Hay Sewerage	BU2=West to Lachlan St	Sewer Mains	Gravity Reticulation		2004	66	150	No	Reticulation Asset	\$ 15,115	0.0%	\$0
Hay Sewerage	BV1=East of BT3 Edward St	Sewer Mains	Gravity Reticulation		2004	82	150	No	Reticulation Asset	\$ 18,780	0.0%	\$0
Hay Sewerage	W1=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		2004	29	150	No	Reticulation Asset	\$ 8,726	0.0%	\$0
Hay Sewerage	W1=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		2004	50	150	No	Reticulation Asset	\$ 19,924	0.0%	\$0
Hay Sewerage	W2=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		2004	62	150	No	Reticulation Asset	\$ 18,656	0.0%	\$0
Hay Sewerage	W3=Laneway between Macauley and Murray	Sewer Mains	Gravity Reticulation		2004	60	150	No	Reticulation Asset	\$ 18,055	0.0%	\$0
Hay Sewerage	X1=No 254 West St	Sewer Mains	Gravity Reticulation		2004	9	150	No	Reticulation Asset	\$ 4,418	0.0%	\$0
Hay Sewerage	X2=No 254 West St	Sewer Mains	Gravity Reticulation		2004	20	150	No	Reticulation Asset	\$ 7,970	0.0%	\$0
Hay Sewerage	X2=No 254 West St	Sewer Mains	Gravity Reticulation		2004	15	150	No	Reticulation Asset	\$ 5,977	0.0%	\$0
Hay Sewerage	X2=No 254 West St	Sewer Mains	Gravity Reticulation		2004	20	150	No	Reticulation Asset	\$ 7,970	0.0%	\$0
Hay Sewerage	X3=No 359 Macauley St	Sewer Mains	Gravity Reticulation		2004	58	150	No	Reticulation Asset	\$ 17,453	0.0%	\$0
Hay Sewerage	AT2=Murphys Lane to West to AT1	Sewer Mains	Gravity Reticulation		2005	61	150	No	Reticulation Asset	\$ 18,356	0.0%	\$0
Hay Sewerage	KB2=Fredricka St -Pine St in between Bank &	Sewer Mains	Gravity Reticulation		2007	62	150	No	Reticulation Asset	\$ 18,656	0.0%	\$0
Hay Sewerage	ZA18 - Between Russell & Moama Sts - East	Sewer Mains	Gravity Reticulation		2007	52	225	Yes	Post 1990 Trunk Asset	\$ 16,395	50.0%	\$8,198
Hay Sewerage		Sewer Mains	Rising Mains		2011	788	150	Yes	Post 1990 Trunk Asset	\$ 168,329	50.0%	\$84,165
Hay Sewerage		Sewer Mains	Rising Mains		2011	267	100	Yes	Post 1990 Trunk Asset	\$ 40,857	50.0%	\$20,429
Hay Sewerage	AE1=Wharf Reserve	Sewer Mains	Gravity Reticulation		2011	72	150	No	Reticulation Asset	\$ 16,490	0.0%	\$0

16 Future Capital Works Program

Data source: Water Supply Works Program 2020 to 2030, provided by Council on 30/11/202

						CAPITAL WORKS PROGRAM															
						CATEGORY			1	2	3	4	5	6	7	8	9	10			
		Asset Description	Asset Type	Improved LOS	Growth	Renewal	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	Include in DSP?	Justification		Recoverable Portion	
Hay Filtered Water	Murray St intake platform	Replace walkway	Intake			100%	25,000										Yes	Within 5 years; asset renewal; existing assets is more than 30 years o	50.0%		
Hay Filtered Water	Standpipe (Reservoir)-Filtered water, Pine St	Roof replacement	Reservoir			100%											No	Beyond 5 years	0.0%		
Hay Filtered Water	Water Treatment Plant	Upgrade as per Scoping Study Report	WTP			100%		357,143									Yes	No cost or timing was included for this item	50.0%		
Hay Filtered Water		Update SCADIA Systems	WTP			100%	264,000	264,000	15,000								Yes	Within 5 years; asset renewal; existing assets is more than 30 years o	50.0%		
Hay Filtered Water		Change filter media	WTP			100%		100,000									Yes	Beyond 5 years	50.0%		
Hay Filtered Water		Other Mechanical & Electrical	WTP			100%		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	Yes	Asset renewal; costs within next 5 years can be include	50.0%		
Hay Filtered Water	Pine St booster pump installation		Pump Station	100%													No	Asset is for improved LOS	0.0%		
Hay Filtered Water	Upgrade confind space accesses - multiple sites (5)		Pump Station	100%			50,000										No	Asset is for improved LOS	0.0%		
Hay Filtered Water	Stand pipe- Lang St repainting		Reservoir	100%										400,000			No	Beyond 5 years	0.0%		
Hay Filtered Water	Various locations	Install fire hydrants to improve coverage	Hydrants	100%			25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	No	Asset is for improved LOS	0.0%		
Hay Filtered Water	On-going valve replacem		Valve			100%	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		Yes	Asset renewal; costs within next 5 years can be include	50.0%		
Hay Filtered Water	New Water bore	For alternative town water supply source	Bore	100%													No	Asset is for improved LOS	0.0%		

	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31			
Water Supply Extension to RUS Area					\$123,200	\$123,200	\$123,200	\$123,200	\$123,200				
Assume cost occurs evenly over next 5 years											Yes	Assets are for future growth	100%

Data source: Water Supply Works Program 2020 to 2030, provided by Council on 30/11/2020

FUTURE RAW WATER MAIN EXTENSIONS IDENTIFIED IN IWCM SUPPLEMENTARY REPORT												
	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31		
Raw Water supply extension to RU5 zoned area	\$161,700	\$161,700	\$161,700	\$161,700	\$161,700						Yes	Asset is to service future growth area
Assume occurs over next 5 years												
												100%

FUTURE RAW WATER MAIN EXTENSIONS IDENTIFIED IN IWCM SUPPLEMENTARY REPORT

Future Sewerage Assets
Data source: 10 Year Sewerage System Capital Works Program (Sewerage System Works Program 2019 to 2029.xlsx - provided November 2020)

				CAPITAL WORKS																
CATEGORY				1	2	3	4	5	6	7	8	9	10	11						
System	Facility	Asset Description	Asset Type	Improved LOS	Growth	Renewal	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	Include in DSP?	Justification	Recoverable Portion
Hay Sewerage	Various sewage pump stations	Provision to upgrade metal & pipework	Pump Station			100%		12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	Yes	Within 5 years; asset renewal; existing assets is more than 30 years old	50.0%
Hay Sewerage	Queen St pump station	Replace both pumps and undertake accessory works	Pump Station			100%		50,000										Yes	Within 5 years; asset renewal; existing assets is more than 30 years old	50.0%
Hay Sewerage		Rehabilitate the internal well to strengthen the wall (including investigation)	Pump Station			100%												No		0.0%
Hay Sewerage	Stephen St pump station	Replace both pumps and upgrade electricals	Pump Station			100%						225,000						Yes	Within 5 years; asset renewal; existing assets is more than 30 years old	50.0%
Hay Sewerage	Russell St pump station	Upgrade electricals	Pump Station			100%			18,000									Yes	Within 5 years; asset renewal; existing assets is more than 30 years c	50.0%
Hay Sewerage	Pal Richards pump station	Upgrade electricals	Pump Station			100%			20,000									Yes	Within 5 years; asset renewal; existing assets is more than 30 years c	50.0%
Hay Sewerage	Sewage pump St Corner- Lang S	Upgrade electricals	Pump Station			100%												Yes	Within 5 years; asset renewal; existing assets is more than 30 years c	50.0%
Hay Sewerage	Hospital pump str	Replace the Rising main No 2	Pump Station			100%				40,000								Yes	Within 5 years; asset renewal; existing assets is more than 30 years c	50.0%
Hay Sewerage		Repase both pumps	Pump Station			100%				20,000								Yes	Within 5 years; asset renewal; existing assets is more than 30 years c	50.0%
Hay Sewerage		Upgrade electricals	Pump Station			100%				20,000								Yes	Within 5 years; asset renewal; existing assets is more than 30 years c	50.0%
Hay Sewerage	Depot pump strn	Rehabilitate the internal well to strengthen the wall (including investigation)	Pump Station			100%												Yes	Within 5 years; asset renewal; existing assets is more than 30 years old	50.0%
Hay Sewerage						100%												Yes	Within 5 years; asset renewal; existing assets is more than 30 years old	50.0%
Hay Sewerage	East Hay new subdivision- pump statio	Replace both pumps	Pump Station			100%	10,000					250,000						Yes	Within 5 years; asset renewal; existing assets is more than 30 years c	50.0%
Hay Sewerage	Rodeo pump Station	Replace both pumps	Pump Station			100%								10,000				No	Beyond 5 years	0.0%
Hay Sewerage	Sandy point pump station	Replace both pumps	Pump Station			100%	20,000										10,000	No	Beyond 5 years	0.0%
Hay Sewerage	Sewage Treatment Plan	Install a system to re-use wate	STP	100%		100%	50,000					100,000						No	Beyond 5 years	0.0%
Hay Sewerage	Bishops Lodge Subdivision	Sewermain extension	STP															Yes	Within 5 years; growth asse	100.0%
Hay Sewerage	Various sewer mains & manholes	Renewal & upgrade	Sewer mains			100%	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	Yes	Within 5 years; asset renewal; existing assets is more than 30 years c	50.0%

17 Calculation of the Capital Charge

Capital Charge Calculation - Filtered Water Supply

Year of Calculation

2020/21**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	Hay Filtered Water	
	Recoupable Capital Expenditure	Annual ET Take-up
	(MEERA \$)	(ET)
Pre 1996	0	
1995/96	0	0
1996/97	0	0
1997/98	0	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	0	0
2007/08	0	0
2008/09	0	0
2009/10	0	0
2010/11	0	0
2011/12	0	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	0	31
2020/21	0	0
2021/22	145,700	32
2022/23	451,271	33
2023/24	322,700	34
2024/25	140,700	34
2025/26	140,700	35
2026/27	0	36
2027/28	0	37
2028/29	0	37
2029/30	0	38
2030/31	0	39
2031/32	0	40
2032/33	0	41
2033/34	0	42
2034/35	0	43
2035/36	0	44
2036/37	0	45
2037/38	0	46
2038/39	0	47
2039/40	0	48
2040/41	0	49
2041/42	0	50
2042/43	0	51
2043/44	0	52
2044/45	0	54
2045/46	0	55
2046/47	0	56
2047/48	0	57
2048/49	0	59
2049/50	0	60
2050/51	0	61
NPV Capital Cost Pre 1996 Assets		
0		
NPV Capital Cost Post 1996 Assets		
310,905		
NPV ET Take up @ 3%		
418		
NPV ET Take up @ 5%		
199		
Capital Charge Pre 1996 Assets (\$/ET)		
0		
Capital Charge Post 1996 Assets (\$/ET)		
1,564		
Capital Charge (\$/ET)		
1,564		

Capital Charge Calculation - Raw Water Supply

Year of Calculation

2020/21

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	Hay Raw Water	
	Recoupable Capital Expenditure	Annual ET Take-up
	(MEERA \$)	(ET)
Pre 1996	33,317	
1995/96	0	0
1996/97	0	0
1997/98	0	0
1998/99	0	0
1999/00	66,645	0
2000/01	0	0
2001/02	184,860	0
2002/03	0	0
2003/04	0	0
2004/05	0	0
2005/06	0	0
2006/07	0	0
2007/08	0	0
2008/09	0	0
2009/10	0	0
2010/11	0	0
2011/12	0	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	0	17
2020/21	178,200	0
2021/22	176,700	17
2022/23	161,700	17
2023/24	161,700	18
2024/25	161,700	18
2025/26	0	18
2026/27	0	18
2027/28	0	18
2028/29	0	19
2029/30	0	19
2030/31	0	19
2031/32	0	19
2032/33	0	20
2033/34	0	20
2034/35	0	20
2035/36	0	20
2036/37	0	20
2037/38	0	21
2038/39	0	21
2039/40	0	21
2040/41	0	21
2041/42	0	22
2042/43	0	22
2043/44	0	22
2044/45	0	22
2045/46	0	23
2046/47	0	23
2047/48	0	23
2048/49	0	23
2049/50	0	24
2050/51	0	24
NPV Capital Cost Pre 1996 Assets		
	33,317	
NPV Capital Cost Post 1996 Assets		
	418,936	
NPV ET Take up @ 3%		
	195	
NPV ET Take up @ 5%		
	94	
Capital Charge Pre 1996 Assets (\$/ET)		
	171	
Capital Charge Post 1996 Assets (\$/ET)		
	4,442	
Capital Charge (\$/ET)		
	4,613	

Capital Charge Calculation - Sewerage

Year of Calculation

2020/21

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	Hay Filtered Water	
	Recoupable Capital Expenditure	Annual ET Take-up
	(MEERA \$)	(ET)
Pre 1996	131,710	
1995/96	0	0
1996/97	0	0
1997/98	29,115	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	8,198	0
2007/08	0	0
2008/09	0	0
2009/10	0	0
2010/11	104,593	0
2011/12	0	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	0	31
2020/21	121,000	0
2021/22	115,000	32
2022/23	136,000	33
2023/24	221,000	34
2024/25	208,500	34
2025/26	0	35
2026/27	0	36
2027/28	0	37
2028/29	0	37
2029/30	0	38
2030/31	0	39
2031/32	0	40
2032/33	0	41
2033/34	0	42
2034/35	0	43
2035/36	0	44
2036/37	0	45
2037/38	0	46
2038/39	0	47
2039/40	0	48
2040/41	0	49
2041/42	0	50
2042/43	0	51
2043/44	0	52
2044/45	0	54
2045/46	0	55
2046/47	0	56
2047/48	0	57
2048/49	0	59
2049/50	0	60
2050/51	0	61
NPV Capital Cost Pre 1996 Assets	131,710	
NPV Capital Cost Post 1996 Assets	293,044	
NPV ET Take up @ 3%	418	
NPV ET Take up @ 5%	199	
Capital Charge Pre 1996 Assets (\$/ET)	315	
Capital Charge Post 1996 Assets (\$/ET)	1,474	
Capital Charge (\$/ET)	1,789	

18 Calculation of the Reduction Amount

Reduction Amount Calculation - Filtered Water Supply**Year of Calculation****2020/21**

DISCOUNT RATE (pa) FOR PROPOSED FUTURE ASSETS :

5%

ANNUAL WATER BILL:

\$301

ANNUAL WATER OMA COST:

\$227

NET INCOME:

\$74

Year	Total ETs	New ETs per Year	Cumulative New ETs	Net Income from New ETs (\$/ET)
2020/21	1,417			
2021/22	1,449	32	32	\$2,355
2022/23	1,482	33	65	\$4,763
2023/24	1,515	34	98	\$7,226
2024/25	1,549	34	133	\$9,745
2025/26	1,584	35	168	\$12,320
2026/27	1,620	36	203	\$14,954
2027/28	1,657	37	240	\$17,647
2028/29	1,694	37	278	\$20,401
2029/30	1,733	38	316	\$23,217
2030/31	1,772	39	355	\$26,097
2031/32	1,812	40	395	\$29,042
2032/33	1,853	41	436	\$32,054
2033/34	1,895	42	478	\$35,134
2034/35	1,938	43	521	\$38,283
2035/36	1,981	44	565	\$41,504
2036/37	2,026	45	609	\$44,798
2037/38	2,072	46	655	\$48,166
2038/39	2,119	47	702	\$51,610
2039/40	2,167	48	750	\$55,132
2040/41	2,216	49	799	\$58,733
2041/42	2,266	50	849	\$62,416
2042/43	2,317	51	900	\$66,183
2043/44	2,370	52	953	\$70,034
2044/45	2,423	54	1,006	\$73,973
2045/46	2,478	55	1,061	\$78,001
2046/47	2,534	56	1,117	\$82,119
2047/48	2,591	57	1,174	\$86,331
2048/49	2,650	59	1,233	\$90,638
2049/50	2,710	60	1,293	\$95,043
2050/51	2,771	61	1,354	\$99,547
NPV new ETs				672
NPV net income from New ETs (\$/ET)				\$554,327
TOTAL NPV REDUCTION AMOUNT CHARGE per ET				\$824

Reduction Amount Calculation - Raw Water Supply

Year of Calculation

2020/21

DISCOUNT RATE (pa) FOR PROPOSED FUTURE ASSETS :

5%

ANNUAL WATER BILL:

\$526

ANNUAL WATER OMA COST:

\$397

NET INCOME:

\$129

Year	Total ETs	New ETs per Year	Cumulative New ETs	Net Income from New ETs (\$/ET)
2020/21	1,487			
2021/22	1,504	17	17	\$2,214
2022/23	1,522	17	35	\$4,454
2023/24	1,539	18	52	\$6,720
2024/25	1,557	18	70	\$9,012
2025/26	1,575	18	88	\$11,330
2026/27	1,593	18	106	\$13,675
2027/28	1,612	18	125	\$16,048
2028/29	1,631	19	143	\$18,448
2029/30	1,649	19	162	\$20,875
2030/31	1,669	19	181	\$23,331
2031/32	1,688	19	201	\$25,815
2032/33	1,707	20	220	\$28,328
2033/34	1,727	20	240	\$30,870
2034/35	1,747	20	260	\$33,442
2035/36	1,767	20	280	\$36,043
2036/37	1,788	20	301	\$38,674
2037/38	1,808	21	321	\$41,336
2038/39	1,829	21	342	\$44,029
2039/40	1,851	21	363	\$46,752
2040/41	1,872	21	385	\$49,507
2041/42	1,894	22	406	\$52,295
2042/43	1,916	22	428	\$55,114
2043/44	1,938	22	451	\$57,966
2044/45	1,960	22	473	\$60,851
2045/46	1,983	23	496	\$63,769
2046/47	2,006	23	519	\$66,721
2047/48	2,029	23	542	\$69,708
2048/49	2,052	23	565	\$72,728
2049/50	2,076	24	589	\$75,784
2050/51	2,100	24	613	\$78,875
NPV new ETs				317
NPV net income from New ETs (\$/ET)				\$472,108
TOTAL NPV REDUCTION AMOUNT CHARGE per ET				\$1,491

Reduction Amount Calculation - Sewerage**Year of Calculation****2020/21**

DISCOUNT RATE (pa) FOR PROPOSED FUTURE ASSETS :

5%

ANNUAL SEWERAGE BILL:

\$741

ANNUAL SEWERAGE OMA COST:

\$398

NET INCOME:

\$344

Year	Total ETs	New ETs per Year	Cumulative New ETs	Net Income from New ETs (\$/ET)
2020/21	1,417			
2021/22	1,449	32	32	11,006
2022/23	1,482	33	65	22,262
2023/24	1,515	34	98	33,771
2024/25	1,549	34	133	45,542
2025/26	1,584	35	168	57,578
2026/27	1,620	36	203	69,886
2027/28	1,657	37	240	82,473
2028/29	1,694	37	278	95,344
2029/30	1,733	38	316	108,506
2030/31	1,772	39	355	121,966
2031/32	1,812	40	395	135,730
2032/33	1,853	41	436	149,806
2033/34	1,895	42	478	164,199
2034/35	1,938	43	521	178,919
2035/36	1,981	44	565	193,971
2036/37	2,026	45	609	209,363
2037/38	2,072	46	655	225,103
2038/39	2,119	47	702	241,200
2039/40	2,167	48	750	257,660
2040/41	2,216	49	799	274,493
2041/42	2,266	50	849	291,706
2042/43	2,317	51	900	309,308
2043/44	2,370	52	953	327,308
2044/45	2,423	54	1,006	345,716
2045/46	2,478	55	1,061	364,539
2046/47	2,534	56	1,117	383,788
2047/48	2,591	57	1,174	403,473
2048/49	2,650	59	1,233	423,602
2049/50	2,710	60	1,293	444,187
2050/51	2,771	61	1,354	465,237
NPV new ETs				672
NPV net income from New ETs (\$/ET)				\$2,590,670
TOTAL NPV REDUCTION AMOUNT CHARGE per ET				\$3,853

19 Cross Subsidy Calculation

Cross-Subsidy Calculations -reduce charges by 50%

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	Hay Filtered Water	1,564	1,385	672	100.0%	1,564	1,564	824	739	370	370

Annual Water bill - no cross subsidy (\$ per ET) \$ 300.61 Increase in annual bill \$ 8.20 2.7%

Annual Water bill - with cross subsidy (\$ per ET) \$ 308.81

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
2020/21	1,417									
2021/22	1,449	32	12	249	436	447	12	249	11,618	187,527
2022/23	1,482	33	12		445	458	12		11,618	
2023/24	1,515	34	12		455	468	12		11,618	
2024/25	1,549	34	13		466	478	13		11,618	
2025/26	1,584	35	13		476	489	13		11,618	
2026/27	1,620	36	13		487	500	13		11,618	
2027/28	1,657	37	14		498	512	14		11,618	
2028/29	1,694	37	14		509	523	14		11,618	
2029/30	1,733	38	14		521	535	14		11,618	
2030/31	1,772	39	14		533	547	15		11,618	
2031/32	1,812	40	15		545	560	15		11,618	
2032/33	1,853	41	15		557	572	15		11,618	
2033/34	1,895	42	15		570	585	16		11,618	
2034/35	1,938	43	16		582	598	16		11,618	
2035/36	1,981	44	16		596	612	16		11,618	
2036/37	2,026	45	17		609	626	17		11,618	
2037/38	2,072	46	17		623	640	17		11,618	
2038/39	2,119	47	17		637	654	17		11,618	
2039/40	2,167	48	18		651	669	18		11,618	
2040/41	2,216	49	18		666	684	18		11,618	
2041/42	2,266	50	19		681	700	19		11,618	
2042/43	2,317	51	19		697	716	19		11,618	
2043/44	2,370	52	19		712	732	19		11,618	
2044/45	2,423	54	20		728	748	20		11,618	
2045/46	2,478	55	20		745	765	20		11,618	
2046/47	2,534	56	21		762	783	21		11,618	
2047/48	2,591	57	21		779	800	21		11,618	
2048/49	2,650	59	22		797	818	22		11,618	
2049/50	2,710	60	22		815	837	22		11,618	
2050/51	2,771	61	23		833	856	23		11,618	

Cross-Subsidy Calculations -reduce charges by 50%

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	Hay Raw Water	4,613	630	319	100.0%	4,613	4,613	1,491	3,122	1,000	2,122

Annual Water bill - no cross subsidy (\$ per ET) \$ 526.13 Increase in annual bill \$ 24.30 4.6%

Annual Water bill - with cross subsidy (\$ per ET) \$ 550.43

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
2020/21	1,487									
2021/22	1,504	17	37	672	792	828	37	672	36,138	583,314
2022/23	1,522	17	37		801	838	37		36,138	
2023/24	1,539	18	37		810	847	37		36,138	
2024/25	1,557	18	38		819	857	38		36,138	
2025/26	1,575	18	38		829	867	38		36,138	
2026/27	1,593	18	39		838	877	39		36,138	
2027/28	1,612	18	39		848	887	39		36,138	
2028/29	1,631	19	40		858	898	40		36,138	
2029/30	1,649	19	40		868	908	40		36,138	
2030/31	1,669	19	40		878	918	41		36,138	
2031/32	1,688	19	41		888	929	41		36,138	
2032/33	1,707	20	41		898	940	41		36,138	
2033/34	1,727	20	42		909	951	42		36,138	
2034/35	1,747	20	42		919	962	42		36,138	
2035/36	1,767	20	43		930	973	43		36,138	
2036/37	1,788	20	43		941	984	43		36,138	
2037/38	1,808	21	44		951	995	44		36,138	
2038/39	1,829	21	44		962	1,007	44		36,138	
2039/40	1,851	21	45		974	1,019	45		36,138	
2040/41	1,872	21	45		985	1,030	45		36,138	
2041/42	1,894	22	46		996	1,042	46		36,138	
2042/43	1,916	22	46		1,008	1,054	47		36,138	
2043/44	1,938	22	47		1,019	1,067	47		36,138	
2044/45	1,960	22	48		1,031	1,079	48		36,138	
2045/46	1,983	23	48		1,043	1,091	48		36,138	
2046/47	2,006	23	49		1,055	1,104	49		36,138	
2047/48	2,029	23	49		1,068	1,117	49		36,138	
2048/49	2,052	23	50		1,080	1,130	50		36,138	
2049/50	2,076	24	50		1,092	1,143	50		36,138	
2050/51	2,100	24	51		1,105	1,156	51		36,138	