

## 9.0 FINANCIAL SUMMARY

### 9.1 Process of Determining Financial Forecast

The provisional 30 year financial forecast for wastewater was determined by identifying new works, and the continuation/evaluation of current maintenance and renewal strategies within each of the components, i.e. reticulation and treatment plants. Changes to the operations (OPEX) and capital projects (CAPEX) expenditure for items within each of the asset types were generally due to maintaining current level of services and increased contract rates.

Level of service consultation carried out in 2005 indicated the community were generally satisfied with Councils current spending within the various asset groups. This feedback was also used when determining provisional budgets. Refer to table 9.4 for the 10 year financial forecasts for both OPEX and CAPEX budgets.

Council uses the following strategy:

- Assign realistic timing to projects given the resources available under Councils current funding sources and in relation to impacts in other Asset Management Plans
- Optimise timing of projects
- Generate consistent budgeting philosophies across all Council divisions
- Align expenditure with growth predictions

Consultation on the final 10 year financial forecast has been carried out via the LTP process.

#### 9.1.1 IMPLICATIONS OF CHANGES BETWEEN DRAFT AND FINAL BUDGETS

The following table outlines the changes between the draft and final budgets and their expected implications.

Project	CAPEX/OPEX	Change from draft version	Implications of change
Rates	OPEX		
Depreciation			
Interest			
Overheads			
Development contributions	OPEX		
Loans	CAPEX		
Reserves			
Capital contributions			
Other income			

**Table 9-1: Potential Implications of Final 10 Year Financial Forecast**

## 9.2 Funding of Expenditure

### 9.2.1 FUNDING STRATEGY

The focus of this AMP is to identify the optimum (lowest lifecycle) cost for the wastewater and to identify the cost for each asset group necessary to produce the desired level of service. How this cash flow will be funded is outlined in Council's long term financial strategy.

Current funding sources available for wastewater include:

- Rates – income generated by the collection of general, separate and differential rates.
- One off capital contribution – contributions made by individual developers for projects that are of particular benefit to them that are being constructed by TDC
- Development Contributions – contributions made by developers under the Local Government Act 2002.
- Private (developer) funded works – projects completely built and funded by developers where ownership is handed over to TDC on completion (vested assets).
- Connection Fees
- Interest on general funds.
- Fees and charges (ref Annual Plan for current Fees & Charges).

### 9.2.2 ALLOCATION OF FUNDS

The process of allocating funds is generally based on:

- Maintenance and operations are funded from General Rates.
- Renewal works are funded by Depreciation. Depreciation is calculated using either the straight line or the diminishing value method to allocate their cost or revalued amounts, net of their residual values, over their useful lives.
- New Works are funded by either or a combination of Development Contributions, Loans, Individual Contributions (e.g. underground power) and Depreciation (if it has not all been used for Renewal Works).

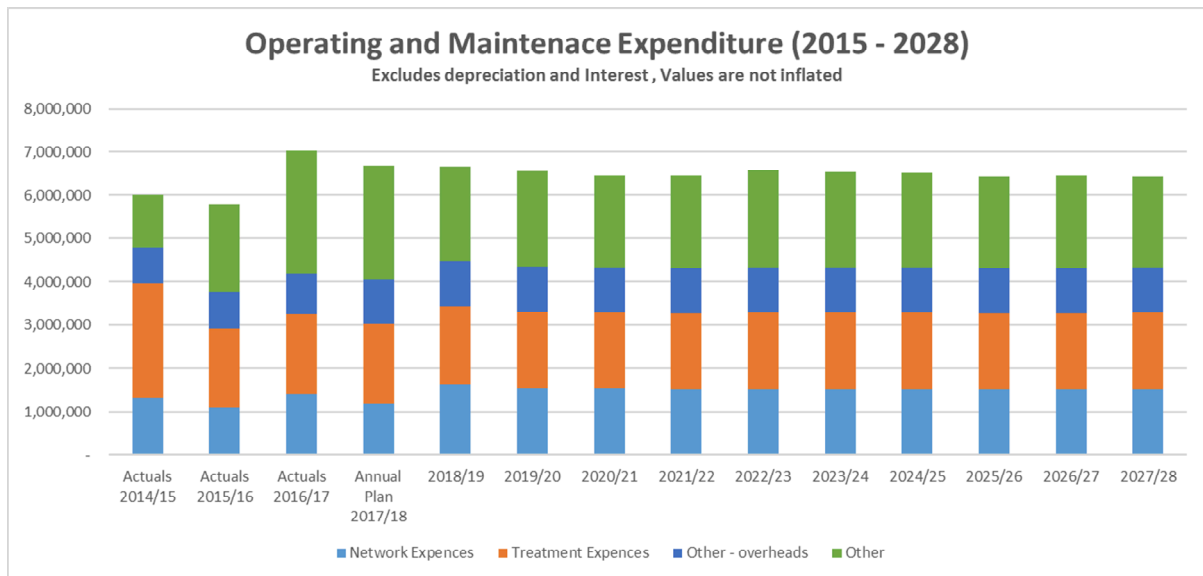
The funding strategy can be found within the Long Term Plan.

## 9.3 Historical and Forecast Expenditure

Detailed historic expenditure for each asset group is included within the lifecycle section for that asset. Budgeted wastewater expenditure for the next 10 years is summarised on the following pages. The capital expenditure due to changes in demand is documented in section 6.5.2.

The AMP group is collectively working through the Waugh report recommendations, particularly the 0 and 1 scores, to bring all AMPS up to the core level. Any other recommendations not completed during the updated AMP process cycle are added to the Improvement plan with dates etc. which can be monitored.

9.3.1 OPEX: OPERATING AND MAINTENANCE EXPENDITURE



**Figure 9-1: Operating and Maintenance Expenditure**

Operation and maintenance costs average approximately \$5.4M/year (uninflated) for the next 30 years. This is similar to the average of last 8 years.

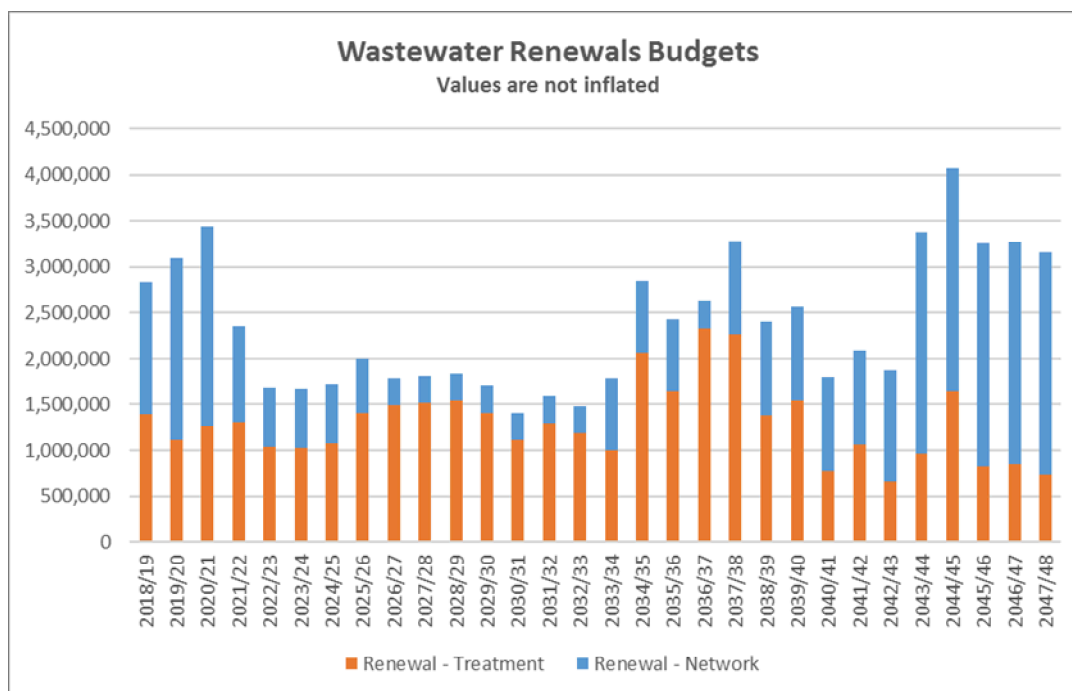
The maintenance is carried out by contractors who are appointed in accordance with Council’s procurement policy.

Refer to Objective file reference # A319730 for spread sheet detailing how the operational and maintenance cost have been determined.

9.3.2 OPEX: INCOME

Operational income is generated from the sale of haylage from the Rakaunui Road and View Road sites.

9.3.3 CAPEX: RENEWAL EXPENDITURE



**Figure 9-2: Renewals Expenditure**

Renewals include any items where an existing asset is replaced for example pumps or manhole rehabilitation etc. Renewal costs fluctuate year to year as assets with different expected lives reach the end of their useful lives and need renewing or replacing.

Generally, the timing of renewal for an asset is based on assessment as the asset is nearing the end of its useful life. Loss in service potential is calculated by straight-line depreciation with the exception of land which is not depreciated. The depreciation rates are applied at a component level and are dependant on the remaining useful life of each component. The total useful lives have been updated and are assumed as follows as per Asset Valuation report (August 2010).

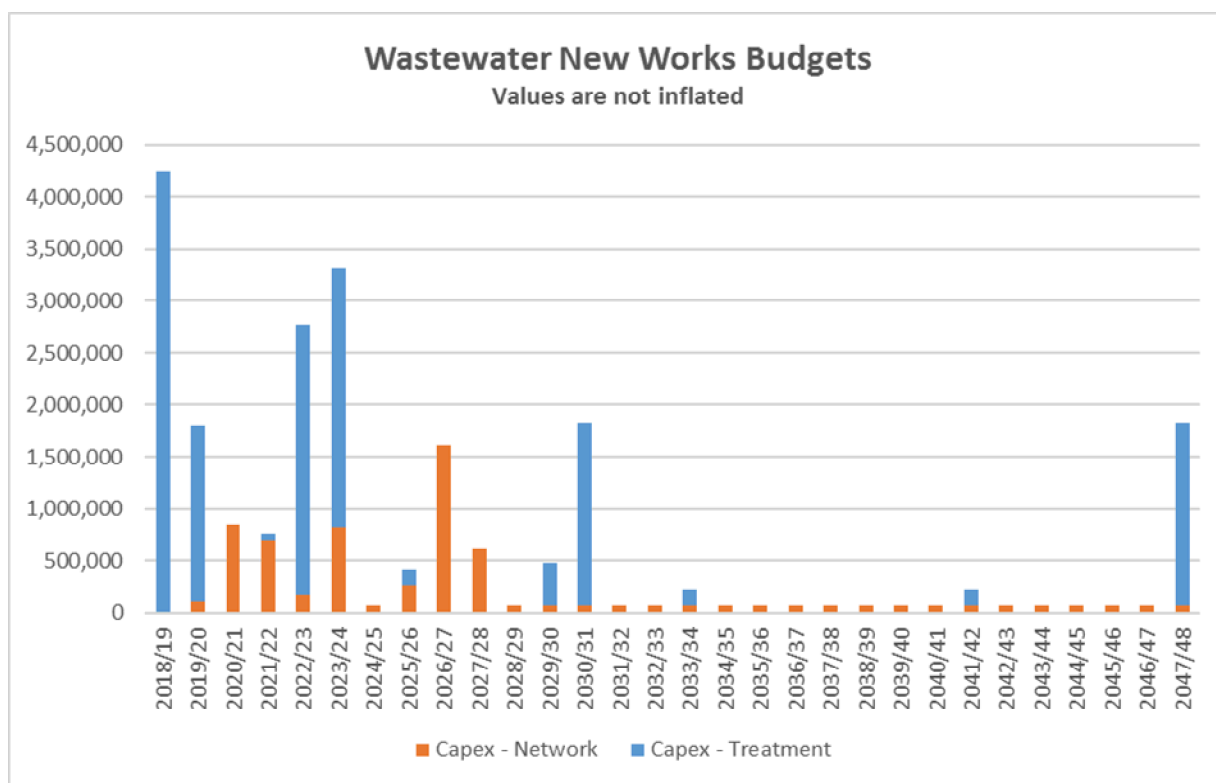
Component	Useful Life (years)
Manholes	80
Lamp holes	80
Pipe – Asbestos Concrete	65
Pumps	25
Valves	20
Wet wells and Storage Chambers	100
Pipe – PVC	80
Pipe – Concrete	80
Control Equipment	15
Telemetry Equipment	15

**Table 9-2: Wastewater Asset Useful Lives**

A summary of the depreciation of wastewater assets is presented in the Taupo District Council Annual Report.

The renewal plan section of the scheme appendices outlines renewals required for each scheme. Refer to project sheets.

### 9.3.4 CAPEX: NEW WORKS EXPENDITURE



**Figure 9-3: New Works Expenditure**

New works expenditure is governed by works required to meet resource consent requirements and growth. Structure Planning documents have been and will continue to be used to support the assessment of future expenditure.

Peaks in years 2016, 2017 and 2018 are due to the WWTP upgrade and the number of resource consent renewals that are required over this time period. The increase in 2020, 2021 and 2022 is the start of the reticulation projects on the Eastern Trunk wastewater line.

### 9.3.5 CAPEX: DISPOSAL

The Waitahanui wastewater treatment plant is no longer in use and assets that could not be reallocated have been disposed of. There are no forecast asset disposal for wastewater at this time.

### 9.3.6 EXPENDITURE LINKAGES TO LEVEL OF SERVICE

The linkage to the level of service for each project is detailed on the individual project sheet.

## 9.4 Total Expenditure and Funding

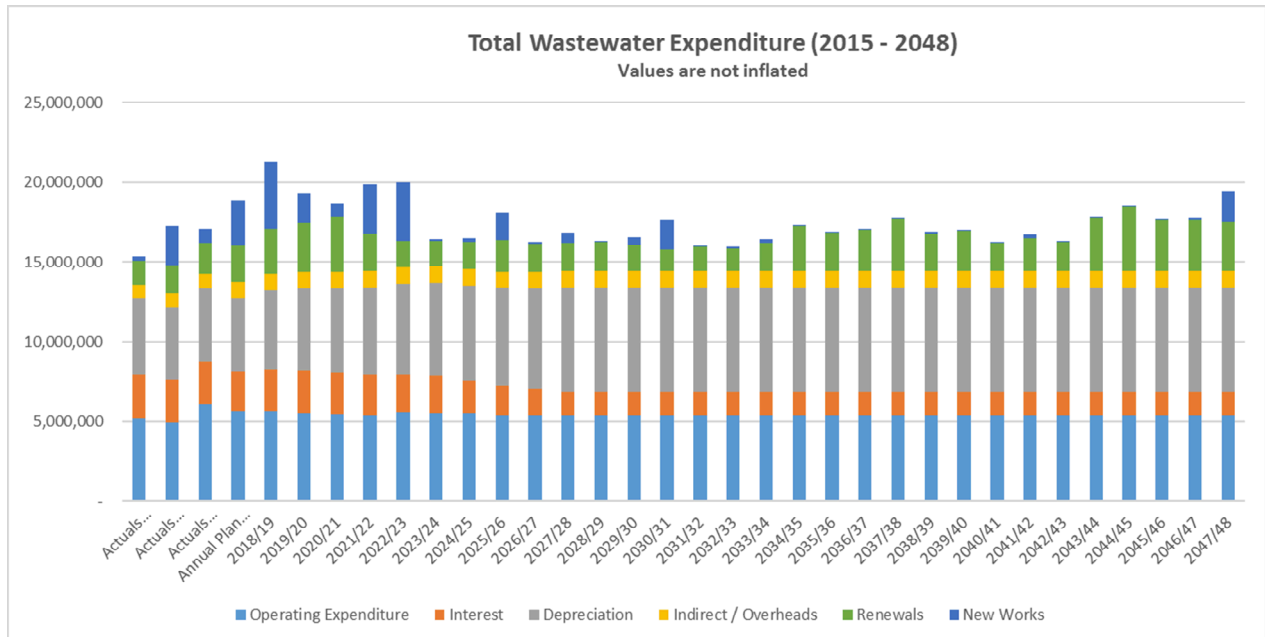


Figure 9-4: Total Expenditure

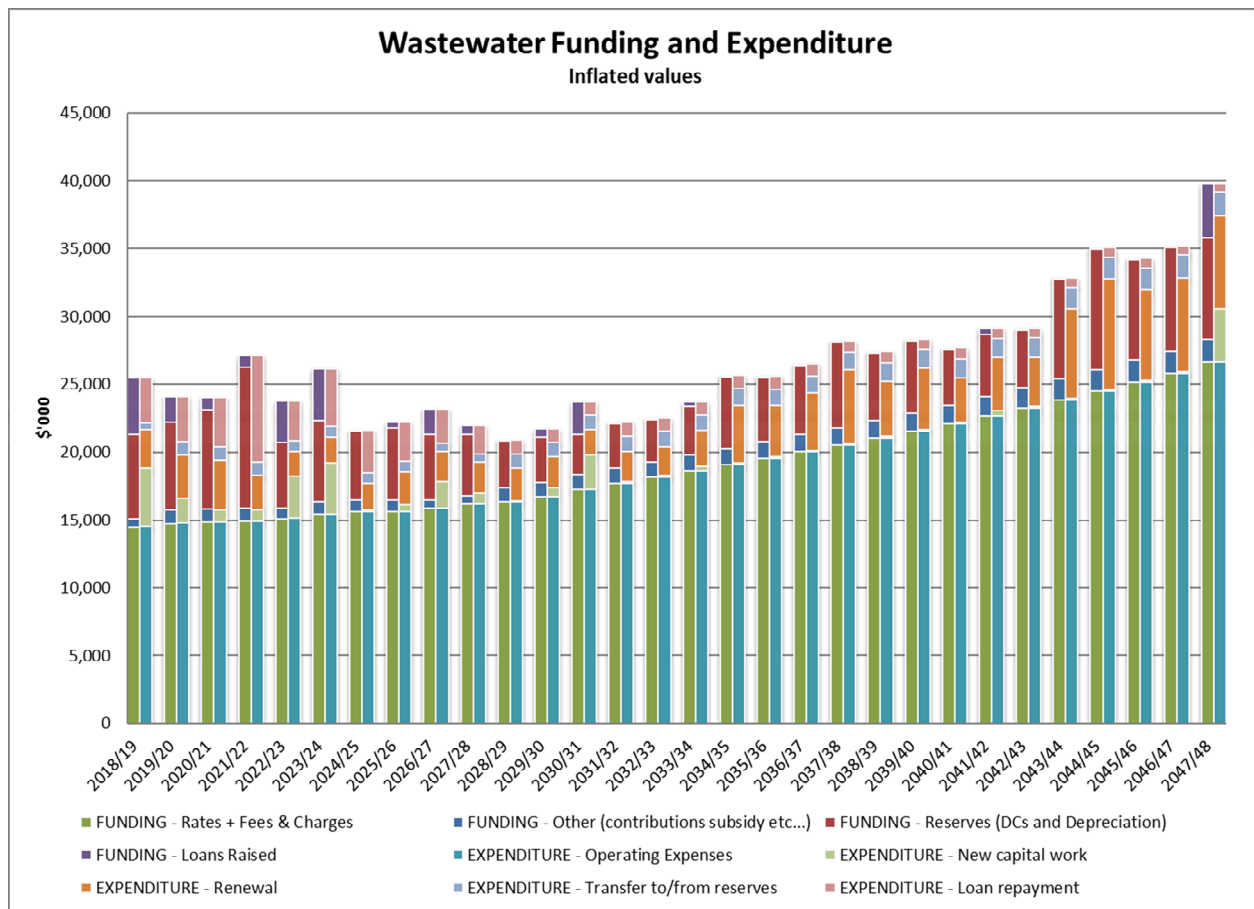


Figure 9-5: Wastewater Funding and Expenditure (\$,000)

## 9.5 Valuation of Wastewater Assets

Wastewater assets provide a continuing service to the community and are not generally regarded as tradable. The cost to replace an asset with the Modern Equivalent Asset (MEA) is used as a basis to determine replacement value. This AMP is being updated with the latest Asset valuations of August 2017.

Refer to Section 4 (Asset Data), for a summary of the valuation of wastewater assets. A full valuation report is available on request.

## 9.6 Financial Assumptions

The following financial assumptions have been made. Further information can be found in the LTP document.

- Asset Revaluations completed 2014/15 have been used as the basis for asset values and have been inflation adjusted. The next revaluation will be in 2017/18.
- Development Contributions Income is assumed to eventuate as predicted.
- Investment Returns eventuate as predicted.
- Interest Rate on borrowings remains as predicted within the financial model.
- Expenditure of capital projects occurs and estimated debt levels are as predicted.
- No allowance has been made for inflation adjustment within this AMP. The source of funds for the future replacement of significant assets is stated in the revenue and Financing Policy.
- The useful lives of significant assets are as per the accounting policies documented in the LTP. Depreciation is charged at 50% for the first year and 100% in subsequent years.
- Development Contributions will continue to be collected.
- Assume that the revenue received from Rates is as per expected.

## 9.7 Financial Confidence Levels

The confidence in the asset data used as a basis for the financial forecasts has been assessed using the following grading system from the International Infrastructure Management Manual – Australia/New Zealand Edition, April 2000.

Confidence Grade	General Meaning
A	Highly reliable. Data based on sound records, procedure, investigation and analysis, documented properly and recognised as the best method of assessment
B	Reliable. Data based on sound records, procedures, investigation and analysis, documented properly but has minor shortcomings, for example the data are old, some documentation is missing, and reliance is placed on unconfirmed reports or some extrapolation.
C	Uncertain Data based on sound records, procedure, investigation and analysis which is incomplete or unsupported, or extrapolated from a limited sample for which grade A or B data are available
D	Very Uncertain. Data based on unconfirmed verbal reports and/or cursory inspection and analysis.

**Table 9-3: Confidence Grading Table**

The confidence level is B+ overall. The financial cost within the first 3 years is seen as reliable with reliability decreasing with time. Also reliability depends on the phase of project with reliability increasing as project moves from scoping to construction.

Scoping	Increasing Reliability ↓
Investigation	
Design	
Construction	



Table 9-4: Financial Table (inflated) for the 30 Years 2018-2048 (\$,000)

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33
<b>Operating Income</b>															
General rates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Targeted rates	-13,111	-13,339	-13,434	-13,478	-13,617	-13,927	-14,072	-14,038	-14,220	-14,506	-14,875	-15,242	-15,714	-16,132	-16,508
Capital subsidies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development and/or financial contributions	-616	-1,011	-983	-930	-797	-853	-797	-797	-611	-611	-628	-645	-663	-682	-701
Vested assets	-602	-736	-758	-723	-598	-634	-629	-709	-527	-525	-540	-555	-570	-586	-603
Fees and charges	-1,370	-1,399	-1,432	-1,466	-1,502	-1,540	-1,580	-1,621	-1,664	-1,711	-1,759	-1,808	-1,859	-1,911	-1,964
<b>Total Income</b>	<b>-15,699</b>	<b>-16,485</b>	<b>-16,606</b>	<b>-16,598</b>	<b>-16,514</b>	<b>-16,953</b>	<b>-17,078</b>	<b>-17,165</b>	<b>-17,023</b>	<b>-17,352</b>	<b>-17,802</b>	<b>-18,250</b>	<b>-18,806</b>	<b>-19,310</b>	<b>-19,776</b>
<b>Operating Expenses</b>															
Network Expenses	1,647	1,576	1,613	1,630	1,669	1,710	1,754	1,800	1,848	1,901	1,955	2,009	2,066	2,123	2,183
Treatment Expenses	1,789	1,835	1,846	1,890	1,969	2,017	2,069	2,087	2,143	2,243	2,305	2,370	2,436	2,505	2,575
Other Operating expenses	2,230	2,293	2,273	2,339	2,500	2,520	2,575	2,573	2,654	2,671	2,696	2,772	2,850	2,929	3,011
Interest	2,587	2,528	2,383	2,120	1,854	1,820	1,637	1,380	1,190	1,134	1,176	1,145	1,168	1,178	1,136
Depreciation	4,978	5,188	5,341	5,492	5,655	5,856	6,053	6,227	6,420	6,621	6,808	7,012	7,263	7,467	7,676
Overheads	1,314	1,345	1,410	1,473	1,506	1,542	1,563	1,591	1,629	1,647	1,693	1,741	1,789	1,839	1,891
<b>Total Expenses</b>	<b>14,546</b>	<b>14,764</b>	<b>14,866</b>	<b>14,944</b>	<b>15,152</b>	<b>15,466</b>	<b>15,651</b>	<b>15,658</b>	<b>15,885</b>	<b>16,217</b>	<b>16,634</b>	<b>17,049</b>	<b>17,572</b>	<b>18,042</b>	<b>18,472</b>
<b>Net Deficit (Surplus) of Operations</b>	<b>-1,153</b>	<b>-1,721</b>	<b>-1,740</b>	<b>-1,653</b>	<b>-1,362</b>	<b>-1,487</b>	<b>-1,427</b>	<b>-1,506</b>	<b>-1,138</b>	<b>-1,135</b>	<b>-1,168</b>	<b>-1,200</b>	<b>-1,234</b>	<b>-1,268</b>	<b>-1,304</b>
<b>Funded by:</b>															
Operating deficit (surplus) from/to reserves	-551	-985	-983	-930	-764	-853	-797	-797	-611	-611	-628	-645	-663	-682	-701
Recognition of vested assets	-602	-736	-758	-723	-598	-634	-629	-709	-527	-525	-540	-555	-570	-586	-603
Depreciation not funded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>-1,153</b>	<b>-1,721</b>	<b>-1,741</b>	<b>-1,653</b>	<b>-1,362</b>	<b>-1,487</b>	<b>-1,426</b>	<b>-1,506</b>	<b>-1,138</b>	<b>-1,136</b>	<b>-1,168</b>	<b>-1,200</b>	<b>-1,234</b>	<b>-1,268</b>	<b>-1,304</b>
Network Renewals	1,440	2,040	2,297	1,122	710	727	746	706	359	370	380	391	402	413	424
Treatment Renewals	1,399	1,136	1,315	1,411	1,135	1,155	1,239	1,664	1,824	1,900	1,986	1,868	1,511	1,810	1,705
<b>Total Renewals</b>	<b>2,839</b>	<b>3,176</b>	<b>3,613</b>	<b>2,534</b>	<b>1,844</b>	<b>1,882</b>	<b>1,985</b>	<b>2,370</b>	<b>2,183</b>	<b>2,269</b>	<b>2,366</b>	<b>2,259</b>	<b>1,912</b>	<b>2,223</b>	<b>2,129</b>
<b>Network New Capital</b>															
Taupo wastewater Control gate bridge siphon	0	0	105	591	0	0	0	0	0	0	0	0	0	0	0
Taupo wastewater Eastern trunk main capacity upgrade (stage 1)	0	0	0	0	0	0	0	178	1,279	0	0	0	0	0	0
Taupo wastewater Eastern trunk main capacity upgrade (stage 2)	0	0	0	0	0	0	0	0	73	677	0	0	0	0	0
Taupo wastewater Southern trunk main upgrade (stage 1)	0	103	787	0	0	0	0	0	0	0	0	0	0	0	0
Taupo wastewater Southern trunk main upgrade (stage 2)	0	0	0	0	110	845	0	0	0	0	0	0	0	0	0
Taupo wastewater Southern trunk main upgrade (stage 3)	0	0	0	0	0	0	0	59	524	0	0	0	0	0	0
Taupo wastewater waitahanui septic tank replacement	0	0	0	161	77	79	81	83	85	88	90	93	95	98	101
<b>Total Network Capital</b>	<b>0</b>	<b>103</b>	<b>892</b>	<b>752</b>	<b>187</b>	<b>924</b>	<b>81</b>	<b>320</b>	<b>1,961</b>	<b>764</b>	<b>90</b>	<b>93</b>	<b>95</b>	<b>98</b>	<b>101</b>
<b>Treatment New Capital</b>															
Atiamuri wastewater TP Upgrade	0	0	0	54	385	0	0	0	0	0	0	0	0	0	0
District wide FOG reception facility extension	0	0	0	0	0	0	0	178	0	0	0	0	0	0	0
Districtwide water compliance reporting software	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Districtwide water IT Server purchase	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0
Kinloch wastewater land disposal system	2,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kinloch wastewater TP balance tank	100	1,743	0	0	0	0	0	0	0	0	0	0	0	0	0
Kinloch wastewater TP capacity upgrade	0	0	0	0	275	2,818	0	0	0	0	0	0	0	0	0
Motutere wastewater TP capacity upgrade. Moved outside of year 3 due to project uncertainty.	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Omori wastewater oxidation pond (Pukawa) fencing	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turangi wastewater - Balance Pond	1,800	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turangi wastewater - Disposal system improvement	0	0	0	0	1,100	0	0	0	0	0	0	0	0	0	0
Turangi wastewater - Pond Remediation	0	0	0	0	1,100	0	0	0	0	0	0	0	0	0	0
Taupo WWTP - Primary Clarifier 3	0	0	0	0	0	0	0	0	0	0	0	0	2,382	0	0
Taupo WWTP - Primary Clarifier 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Taupo wastewater - View Road land disposal system expansion	0	0	0	0	0	0	0	0	0	0	0	530	0	0	0
<b>Total Treatment New Capital</b>	<b>4,255</b>	<b>1,743</b>	<b>0</b>	<b>70</b>	<b>2,860</b>	<b>2,818</b>	<b>0</b>	<b>178</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>530</b>	<b>2,382</b>	<b>0</b>	<b>0</b>
<b>Total New Capital</b>	<b>4,255</b>	<b>1,845</b>	<b>892</b>	<b>822</b>	<b>3,047</b>	<b>3,742</b>	<b>81</b>	<b>498</b>	<b>1,961</b>	<b>764</b>	<b>90</b>	<b>622</b>	<b>2,477</b>	<b>98</b>	<b>101</b>
<b>Total Capex &amp; Renewals</b>	<b>7,094</b>	<b>5,021</b>	<b>4,504</b>	<b>3,355</b>	<b>4,891</b>	<b>5,623</b>	<b>2,066</b>	<b>2,868</b>	<b>4,144</b>	<b>3,034</b>	<b>2,456</b>	<b>2,881</b>	<b>4,390</b>	<b>2,321</b>	<b>2,230</b>
<b>Funded by:</b>															
Loans Raised	4,255	1,845	892	822	3,047	3,742	81	498	1,961	764	90	622	2,477	98	101
Less Loan Repayments	-3,303	-3,324	-3,708	-7,839	-2,952	-4,187	-3,070	-2,939	-2,571	-2,143	-1,082	-1,042	-1,026	-1,084	-1,044
Development and/or financial contributions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer from reserve(s)	6,142	6,500	7,320	10,373	4,796	6,069	5,055	5,308	4,754	4,412	3,448	3,302	2,938	3,307	3,173
<b>Total Funding</b>	<b>7,094</b>	<b>5,021</b>	<b>4,504</b>	<b>3,355</b>	<b>4,891</b>	<b>5,623</b>	<b>2,066</b>	<b>2,868</b>	<b>4,144</b>	<b>3,034</b>	<b>2,456</b>	<b>2,881</b>	<b>4,390</b>	<b>2,321</b>	<b>2,230</b>

	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	2040/41	2041/42	2042/43	2043/44	2044/45	2045/46	2046/47	2047/48
<b>Operating Income</b>															
General rates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Targeted rates	-16,907	-17,315	-17,733	-18,164	-18,611	-19,072	-19,548	-20,041	-20,561	-21,092	-21,633	-22,190	-22,766	-23,359	-24,140
Capital subsidies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development and/or financial contributions	-721	-741	-762	-783	-805	-827	-850	-874	-899	-924	-950	-976	-1,004	-1,032	-1,061
Vested assets	-620	-637	-655	-673	-692	-712	-731	-752	-773	-795	-817	-840	-863	-887	-912
Fees and charges	-2,019	-2,076	-2,134	-2,193	-2,255	-2,318	-2,383	-2,450	-2,518	-2,589	-2,661	-2,736	-2,812	-2,891	-2,972
<b>Total Income</b>	<b>-20,267</b>	<b>-20,769</b>	<b>-21,283</b>	<b>-21,814</b>	<b>-22,362</b>	<b>-22,929</b>	<b>-23,513</b>	<b>-24,117</b>	<b>-24,751</b>	<b>-25,399</b>	<b>-26,060</b>	<b>-26,742</b>	<b>-27,445</b>	<b>-28,170</b>	<b>-29,085</b>
<b>Operating Expenses</b>															
Network Expenses	2,244	2,307	2,372	2,438	2,506	2,576	2,648	2,723	2,799	2,877	2,958	3,041	3,126	3,213	3,303
Treatment Expenses	2,647	2,721	2,797	2,875	2,956	3,039	3,124	3,211	3,301	3,394	3,489	3,586	3,687	3,790	3,896
Other Operating expenses	3,096	3,182	3,271	3,363	3,457	3,554	3,654	3,756	3,861	3,969	4,080	4,195	4,312	4,433	4,557
Interest	1,100	1,065	1,027	991	957	924	892	862	839	817	791	765	741	718	780
Depreciation	7,896	8,117	8,345	8,578	8,819	9,066	9,320	9,581	9,855	10,131	10,414	10,706	11,006	11,314	11,715
Overheads	1,944	1,998	2,054	2,112	2,171	2,232	2,294	2,358	2,424	2,492	2,562	2,634	2,708	2,783	2,861
<b>Total Expenses</b>	<b>18,926</b>	<b>19,391</b>	<b>19,866</b>	<b>20,358</b>	<b>20,865</b>	<b>21,390</b>	<b>21,931</b>	<b>22,490</b>	<b>23,079</b>	<b>23,680</b>	<b>24,294</b>	<b>24,926</b>	<b>25,578</b>	<b>26,251</b>	<b>27,112</b>
<b>Net Deficit (Surplus) of Operations</b>	<b>-1,340</b>	<b>-1,378</b>	<b>-1,416</b>	<b>-1,456</b>	<b>-1,497</b>	<b>-1,539</b>	<b>-1,582</b>	<b>-1,626</b>	<b>-1,672</b>	<b>-1,719</b>	<b>-1,767</b>	<b>-1,816</b>	<b>-1,867</b>	<b>-1,919</b>	<b>-1,973</b>
<b>Funded by:</b>															
Operating deficit (surplus) from/to reserves	-721	-741	-762	-783	-805	-827	-850	-874	-899	-924	-950	-976	-1,004	-1,032	-1,061
Recognition of vested assets	-620	-637	-655	-673	-692	-712	-731	-752	-773	-795	-817	-840	-863	-887	-912
Depreciation not funded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>-1,340</b>	<b>-1,378</b>	<b>-1,416</b>	<b>-1,456</b>	<b>-1,497</b>	<b>-1,539</b>	<b>-1,582</b>	<b>-1,626</b>	<b>-1,672</b>	<b>-1,719</b>	<b>-1,767</b>	<b>-1,816</b>	<b>-1,867</b>	<b>-1,919</b>	<b>-1,973</b>
Network Renewals	1,176	1,209	1,242	474	1,693	1,740	1,789	1,839	1,891	2,323	4,727	4,859	4,995	5,135	5,279
Treatment Renewals	1,478	3,125	2,567	3,750	3,729	2,350	2,692	1,399	1,958	1,238	1,868	3,291	1,715	1,799	1,592
<b>Total Renewals</b>	<b>2,654</b>	<b>4,333</b>	<b>3,809</b>	<b>4,224</b>	<b>5,421</b>	<b>4,090</b>	<b>4,481</b>	<b>3,238</b>	<b>3,848</b>	<b>3,561</b>	<b>6,594</b>	<b>8,150</b>	<b>6,710</b>	<b>6,934</b>	<b>6,871</b>
<b>Network New Capital</b>															
Acacia Bay Wastewater Operations equipment renewals	131	270	27	17	197	23	50	96	162	24	27	41	34	45	33
Atiamuri Wastewater Operations equipment renewals	0	0	0	0	0	0	123	0	0	0	5	0	0	0	0
Atiamuri wastewater TP Upgrade	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District wide FOG reception facility extension	222	0	0	0	0	0	0	0	277	0	0	0	0	0	0
District wide Sewer Manhole Restoration	74	76	78	80	83	85	87	90	92	95	97	100	103	106	109
District wide sewer renewals (not allocated)	104	106	109	112	116	119	122	126	129	133	136	140	144	148	152
District wide WW Pump station renewals	259	266	273	281	289	297	305	314	323	332	341	351	360	371	381
<b>Total Network Capital</b>	<b>789</b>	<b>719</b>	<b>488</b>	<b>491</b>	<b>684</b>	<b>524</b>	<b>688</b>	<b>626</b>	<b>983</b>	<b>584</b>	<b>607</b>	<b>632</b>	<b>641</b>	<b>670</b>	<b>675</b>
<b>Treatment New Capital</b>															
District wide WWPS Electrical and Telemetry	0	0	0	0	0	0	0	0	0	379	390	401	412	423	435
Districtwide water compliance reporting software	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Districtwide water IT Server purchase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Districtwide water IT Server renewal	22	0	0	24	0	0	26	0	0	28	0	0	31	0	0
Kinloch wastewater land disposal system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kinloch Wastewater Operations equipment renewals	3	198	11	88	266	117	160	37	56	23	14	96	35	30	221
Kinloch wastewater TP balance tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kinloch wastewater TP capacity upgrade	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mangakino Wastewater Operations equipment renewals	9	100	152	133	168	14	11	50	23	12	17	17	13	23	58
Mangakino wastewater sewer Renewals	739	760	781	0	0	0	0	0	0	0	0	0	0	0	0
Motuoapa Wastewater Operations equipment renewals	46	14	48	85	182	5	25	41	21	64	13	64	64	37	7
Motutere Wastewater Operations equipment renewals	32	13	82	68	21	17	18	34	19	9	28	5	28	12	10
Motutere wastewater TP capacity upgrade. Moved outside of year 3 due to project uncertainty.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Omori wastewater oxidation pond (Pukawa) fencing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Omori wastewater AC rising mains renewals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Treatment New Capital</b>	<b>851</b>	<b>1,085</b>	<b>1,075</b>	<b>399</b>	<b>636</b>	<b>154</b>	<b>240</b>	<b>162</b>	<b>119</b>	<b>516</b>	<b>463</b>	<b>583</b>	<b>581</b>	<b>527</b>	<b>732</b>
<b>Total New Capital</b>	<b>1,640</b>	<b>1,804</b>	<b>1,563</b>	<b>890</b>	<b>1,320</b>	<b>678</b>	<b>929</b>	<b>788</b>	<b>1,102</b>	<b>1,099</b>	<b>1,070</b>	<b>1,214</b>	<b>1,223</b>	<b>1,196</b>	<b>1,406</b>
<b>Total Capex &amp; Renewals</b>	<b>4,293</b>	<b>6,138</b>	<b>5,372</b>	<b>5,114</b>	<b>6,741</b>	<b>4,767</b>	<b>5,409</b>	<b>4,026</b>	<b>4,950</b>	<b>4,660</b>	<b>7,665</b>	<b>9,364</b>	<b>7,933</b>	<b>8,130</b>	<b>8,277</b>
<b>Funded by:</b>															
Loans Raised	325	106	109	112	116	119	122	126	406	133	136	140	144	148	3,962
Less Loan Repayments	-1,007	-979	-944	-911	-879	-849	-819	-791	-765	-750	-726	-702	-680	-658	-638
Development and/or financial contributions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer from reserve(s)	3,660	5,313	4,754	5,135	6,300	4,938	5,300	4,029	4,613	4,311	7,320	8,852	7,390	7,592	7,508
<b>Total Funding</b>	<b>2,979</b>	<b>4,440</b>	<b>3,919</b>	<b>4,337</b>	<b>5,537</b>	<b>4,209</b>	<b>4,603</b>	<b>3,363</b>	<b>4,254</b>	<b>3,693</b>	<b>6,731</b>	<b>8,290</b>	<b>6,855</b>	<b>7,082</b>	<b>10,832</b>