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| **Household Cost per Annum** |
| Item | WICS - Council | WICS - Entity |
| 2031 | 2051 | 2031 |  |
| **Household Charge (uninflated)** | $8,976 | $14,641 | $1,543 | $1,640 |

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| **Comparison of water, wastewater and stormwater charges**  | **2021 charge (Morrison Low adjusted)** | **2031 estimated charge - CDC** |
| Water  | $606  | $772  |
| Wastewater  | $510  | $1,509  |
| Stormwater  | $136  | $267  |
| **Three waters**  | $1,252  | $2,549  |

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| **Investment** |
| **Item** | WICS - Council | RFI (2031) | Comments on assumptions |
| 2031 | 2051 |  |
| **Total investment requirement** | $393,366,672 | $1,393,443,217 | $116,019,000  | • WICS model projects an investment need that is three times higher than the total investment projected by Clutha.  |
| **Levels of Service Enhancement & Growth** | $296,310,000 | $888,930,000 | $76,661,000  | • WICS model projects over three times the amount of level of service investment projected by Clutha.  |
| **Renewals** | $97,056,672 | $504,313,217 | $39,358,000  | • WICS show over double the projected renewals investment. |
| **Asset Value** | $412,244,184 |  | $250,930,070 (Low) $501,860,140 (High)  | Higher asset values become more relevant over time. |
| **Depreciation** | **$5,794,375**  |  | **$3,136,000**  | Depreciation slightly higher at start but becomes more material as investment in assets increase. • Implied depreciation rate WICS = **1.35% increasing to 1.75% over time. RFI = 1.25%**  |

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| **Pre water entity FTE** | **130** | **Post water entity FTE** | **112** |

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| **Financial summary of three waters service delivery** |
|  | **Council total** | **Three waters** | **Net of three waters**  |
| **Debt (2021)**  | $27 million  | $23 million (85%)  | $4 million  |
| **Operating Revenue (2021)**  | $43.7 million  | $11.7 million (26%)  | $32 million  |
| **Infrastructure assets (book value)**  | $1.07 billion  | $139 million (13%)  | $935 million  |

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| **Revenue** |
| Item | WICS - Council | RFI | Comments on assumptions |
| 2021 | 2031 | 2051 | 2031 |
| **Total debt** | $23,000,000 | $186,628,792 | $480,219,030 | $72,246,000  | WICS projects debt to be significantly higher than in the RFI, in line with the increased investment. |
| **Total Revenue** | $12,000,000 | $76,623,860 | $193,132,960 | $18,479,000  | WICS projects revenue to be significantly higher than in the RFI to ensure debt remains serviceable. |
| **Debt to Revenue** | 200% | 244% | 249% | 390% | Comparison not relevant as WICS models a debt to revenue ratio of 250%. As Clutha’s starting position is below this threshold increases to rates may not be as large at the start of the modelling period as other councils in the Otago and Southland regions. |
| **Impacts on Clutha District Council's balance** | With three waters (ML adjusted) (2024) | Without three waters (2024) |
| Total Council debt | $76.8 million | $0.8 million |
| Debt to revenue ratio | 159.6% | 2.2% |
| Debt capacity ($) | $72.7 million | $103 million |

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| five disclosed serious pollution incidents in 2019/20. |
| 54% of wastewater receives only primary level treatment. |
| 99% of wastewater being discharged to freshwater receiving environments. |
| third highest incidence of wastewater pipe blockages and the highest incidence of stormwater collapses in the Otago and Southland regions |
| 50% of the drinking water receives complex or multistage treatment |
| 14 of the drinking water treatment plants are not currently meeting the parasitic protozoal compliance regulations |
| Clutha had the largest number of samples that exceeded compliance values for faecal coliforms in the Otago and Southland regions |
| Asset condition in Clutha is average with the condition of stormwater assets typically being worse than wastewater assets |
| (63%) of Clutha’s drinking water network is in an unknown condition, the portion of the network that is known is typically in very good condition. |