

9.0 Wastewater



The Hauraki District Council provides and operates reticulated wastewater systems for seven urban areas. Turua, Ngatea, Kerepehi, Waitakaruru, Paeroa, Waihi and Whiritoa are all provided with wastewater reticulation and treatment schemes.

Treatment of wastewater from the Turua, Ngatea, Kerepehi, Paeroa and Waihi systems is through the use of oxidation ponds. Primary treatment for Whiritoa wastewater is by facultative aeration pond, with land based effluent disposal.

The Hauraki District Council's goal in respect of the wastewater activity is to ensure that all wastewater within the District is collected, treated and disposed of in an efficient manner that complies with public health standards and specific resource consent conditions.

| Focus | Emphasis | Achievements |
|--|--|---|
| 9.1 To operate the wastewater systems in accordance with statutory requirements, renewing all resource consents that expire within the planning period and preparing for the renewal of consents due to expire in the next 3 to 5 years. | 9.1.1 To lodge with Environment Waikato the resource consent applications for the renewal of the Kerepehi sewage treatment plant discharge consents before 30 June 2004. | 9.1.1 Not Achieved Discussion with Environment Waikato has resulted in the target date being extended to 30 October 2004. |
| | 9.1.2 To have the upgrading of Waihi sewage treatment plant to meet consent requirements operational by 31 December 2003. | 9.1.2 Not Achieved Measure deferred to 30 June 2005. Contracts received were too expensive and the tendering process had to be restarted. |
| | 9.1.3 To complete construction of a new sewage scheme for Waitakaruru to comply with resource consent requirements by 30 June 2004. | 9.1.3 Not Achieved Measure deferred to 30 June 2005 due to contracts received being too expensive. |
| 9.2 To manage the wastewater activity in accordance with the levels of service as agreed through the Asset Management Plan process. | 9.2.1 To have no more than a total of 30 dry weather sewer overflows as a result of blockages or failure of the public wastewater scheme within the planning period. | 9.2.1 Achieved 15 dry weather overflows within the financial year. |
| | 9.2.2 To effect repairs to faults in the reticulation system within 24 hours of public advice or staff awareness of the fault (where there is a risk of overflow). | 9.2.2 Achieved All 25 faults were repaired within 24 hours of being received. |

| Focus | Emphasis | Achievements |
|--|--|---|
| 9.3 To undertake a programme of reducing untreated overflows from the wastewater reticulation. | 9.3.1 To install telemetry to two sewer pump stations before 30 June 2004. | 9.3.1 Achieved Two sewer pump stations have had telemetry installed. These are located at Piako Road and Norwood Road. |
| | 9.3.2 To complete detailed design and construction specifications for the Victoria Street sewer pump station rising main replacement by 30 June 2004. | 9.3.2 Not Achieved Initial design has been undertaken; however the target for completion of this project has been deferred to 30 December 2004. |
| 9.4 To operate the waste water treatment systems so as to comply with resource consent discharge requirements. | 9.4.1 To obtain a "High Level of Compliance" grading from Environment Waikato through its annual monitoring report on resource consent compliance for each treatment plant site. | 9.4.1 Not Achieved A High level of compliance was achieved for Whiritoa and Kerepehi Waste Water Treatment Plants. A high level of compliance was not achieved for Turua, Paeroa, Ngatea and Waihi Wastewater Treatment Plants. |

Costs and Funding – Wastewater

| <i>Actual</i> 2002-03 \$000's | | Actual 2003-04 \$000's | Budget 2003-04 \$000's |
|-------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
| | Cost of Service | | |
| 229 | Treatment | 255 | 382 |
| 232 | Reticulation | 317 | 241 |
| 70 | Fixed Costs | 55 | 36 |
| 174 | Overheads | 184 | 183 |
| 14 | Major Maintenance | 19 | 24 |
| 42 | Other | 4 | 26 |
| 383 | Internal Interest | 404 | 456 |
| 647 | Decline in Service Potential | 618 | 634 |
| 1,791 | Total Gross Cost Of Service | 1,856 | 1,982 |
| | Less Fees and Charges | | |
| 3 | Connection Fees | 1 | 2 |
| 3 | Total Fees And Charges | 1 | 2 |
| 1,777 | Less Targeted Rates | 1,942 | 1,873 |
| 11 | NET COST OF SERVICE | (87) | 107 |