

# COMMUNITY SERVICES

## 21.0 Sanitary Services Communities

### 21.1 Community Identification

The communities identified for the sanitary services functions are:

<b>Community</b>		<b>Stakeholders</b>		
<i>Name</i>	<i>Definition</i>	<i>Cemeteries</i>	<i>Public Toilets</i>	<i>Campervan Disposal Sites</i>
District	Residents of the Hauraki District	Medical Officer of Health  Undertakers/Funeral Directors  Office of Veteran's Affairs (Returned Services Association)  Thames Coromandel District Council (Plains Residents)	Medical Officer of Health  HDC Wastewater Services	Medical Officer of Health  HDC Environmental/Wastewater Services
Iwi	Iwi of the Hauraki District	Consultative Committee, Water & Waste (incorporates hapu, Hauraki Maori Trust Board)	N/A	N/A
Travelling public	Residents and non-residents, travelling within the district boundaries	N/A	Department of Conservation  Tourism NZ  Businesses/Owners of 'reasonably accessible' private toilets i.e. Gas Stations, coffee shops	NZ Motor Caravan Association  Automobile Association of NZ

## 22.0 Assessment of Sanitary Services

### 22.1 Cemeteries

#### 22.1.1 Physical Description

There are two operational public cemeteries in the District, as shown in the Maps in Appendix 1.

Details are:

	<b>Paeroa</b>	<b>Waihi</b>
<i>Location</i>	Cnr State Highway 2 & Reservoir Rd, Paeroa	East of Waihi, on State Highway 2
<i>Size (ha)</i>	6.5756	5.2382 (1.0933 undeveloped, leased for grazing)
<i>Operator</i>	Hauraki District Council	Hauraki District Council
<i>Date opened (approx)</i>	1885	1898
<i>Average interments/year (Includes casket and ashes, and RSA interments) (compared to district average death rate of approximately 152)</i>	31	63
<i>Lifespan, current usage</i>	<ul style="list-style-type: none"> <li>▪ sufficient provision for public and RSA ashes burials until 2007,</li> <li>▪ sufficient provision for public and RSA casket burials until 2010.</li> </ul> <p>Further expansion is planned*, and will commence in 2005/06. This will provide sufficient casket and ashes plots to meet demand (at current usage rates) until approximately 2050.</p> <p>*Refer Paeroa Cemetery Expansion Proposal report, December 2003.</p>	<ul style="list-style-type: none"> <li>▪ sufficient provision for public casket, RSA casket and ashes burials until at least 2016.</li> <li>▪ sufficient provision for public ashes burials until 2010.</li> </ul> <p>Further expansion can be easily accommodated in the area currently leased for grazing.</p> <p>Additional internal access roads and memorial berms are planned for 2006/07 onwards.</p>

There is no cemetery in the Hauraki Plains area due to the unsuitable ground conditions. In 1952 the Plains County Council entered into an agreement with neighbouring Thames County Council to allow residents of the Plains to be buried in the Totara Cemetery, Thames, without having to pay out-of-district fees. Based on previous consultation, the Plains community are generally satisfied with the current arrangement with Thames Coromandel District Council, and with the implementation of the Memorial Wall in Ngatea.

Deceased Plains residents are also buried at the cemeteries in Paeroa, Maramaua, Morrinsville, wherever their chosen place may be.

Operation and maintenance of Council's cemeteries is undertaken in accordance with the Burial and Cremations Act 1964 and Council's By-laws.

There are no crematoria located in the Hauraki District. People requiring such facilities must make their own arrangements, usually through funeral directors. There are crematoria located at Tauranga (approx 95kms) and Hamilton (approx 80kms).

There are 21 privately owned Urupa notified on Council's District Plan, as shown on the Maps in Appendix 1. Council is not involved in the provision or operation of Urupa.



## 22.2 Forecast Future Demand

### 22.2.1 Demographics – Statistics NZ

#### HAURAKI DISTRICT

Population Projections prepared for the Hauraki District<sup>16</sup> indicate the district's population will decline by around 12% over a 20 year period from 2001.

Population projections based upon 'medium' rates of fertility, mortality and migration indicate that the resident population of Paeroa and Waihi will continue to fall through to 2021.

- By 2021 the resident population of Paeroa is projected to be 3,340 people (a decrease of -16%)
- The resident population of Waihi is projected to be 4,130 people (a decrease of -11%).
- The resident population of Ngatea township is projected to increase to 1,190 people by 2021 (an 8% increase).

<sup>16</sup> Source: Demographic Profile prepared for the Hauraki District Council, January 2004.

This population projection is estimated by Council to have balanced off, and is not expected to continue declining. These figures will be updated in the 2006 census.

Projections for Age Distribution within the district’s population show an increase in the 65 years plus age group, and a decline in the below 65 years age group, with most of this decline in the 0 – 14 years age group. The median age range is expected to increase to 49 years by 2021, compared to 39 years for New Zealand as a whole.

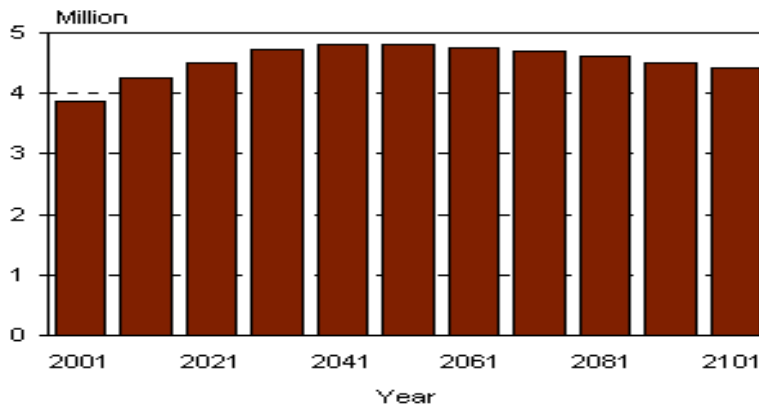
**In short, the district’s population will be older in age and fewer in number by 2021.**

District population statistics are not the only factor to consider when assessing the impact of demand on cemetery services and facilities. People who have died, yet live in another district, can be buried in either public cemetery. Therefore, regional and national demographic and mortality trends also need to be considered.

**NEW ZEALAND<sup>17</sup>**

Future population

**Projected New Zealand Population 2001(base)-2101, Projection Series 4**



<sup>17</sup> Source: Statistics NZ

**Summary:**

Nationally, it is predicted:

- The population growth rate will slow down over the next 100 years.
- The population is expected to peak at 4.81 million in 2046.
- The population will drop to 4.43 million by 2101.
- New Zealand's population will continue to age.

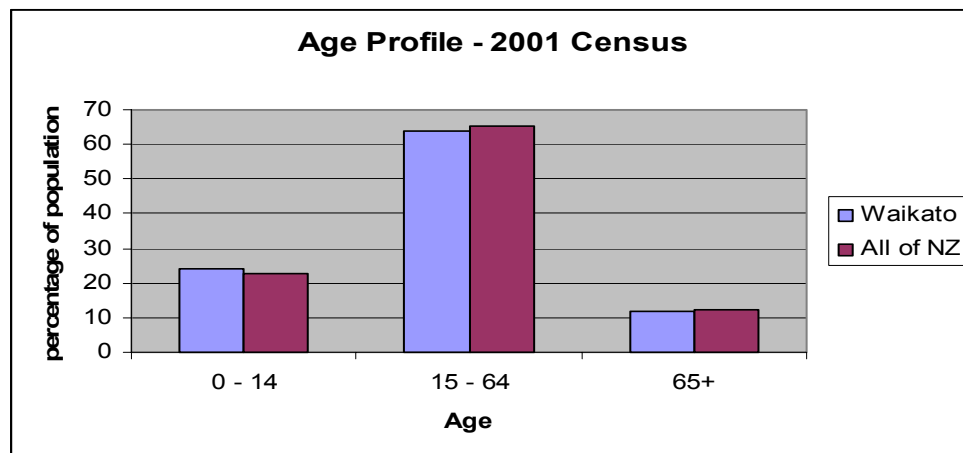
**Age Profile – National (based on 1996 census):**

- The median age of the population has risen by 7.5 years since 1971, from 25.6 years to 33.1 years.
- There were 832,080 children (23%) under the age of 15 in New Zealand (down from 909,623 in 1971).
- The working-age population has risen considerably since 1971 (by over half a million) to 2,363,556. Despite this numerical increase, the proportion of the population in the working ages has declined slightly since the late 1980s.
- The greatest change in the age structure of the population is at the older ages. Since 1971 the number of people aged 65 years and over has increased by more than one-and-a-half times and the number aged 80 years and over has doubled.

**Age profile – Waikato Region**

At the 2001 Census:

- 24.3 percent of people in Waikato Region were under the age of 15 years, compared with 22.7 percent for all of New Zealand.
- 11.7 percent of people in Waikato Region were aged 65 years and over compared with 12.1 percent for all of New Zealand.



*Chart 3.3: National Age Profile*

**Deaths - Nationwide****For The December 2003 Quarter (Most Up-To-Date), Statistics Show**

- There were fewer deaths in 2003 compared with 2002.
- The median age of death was 78 years in 2003.
- Life expectancy is increasing.

While the population is aging, longevity is also increasing and this is resulting in a lower death rate nationally.

### Deaths – Hauraki District

For the same quarter, statistics show:

- There were more deaths in 2003 compared with 2002 and in the 10 years prior.
- The average annual death rate in the district is 152.

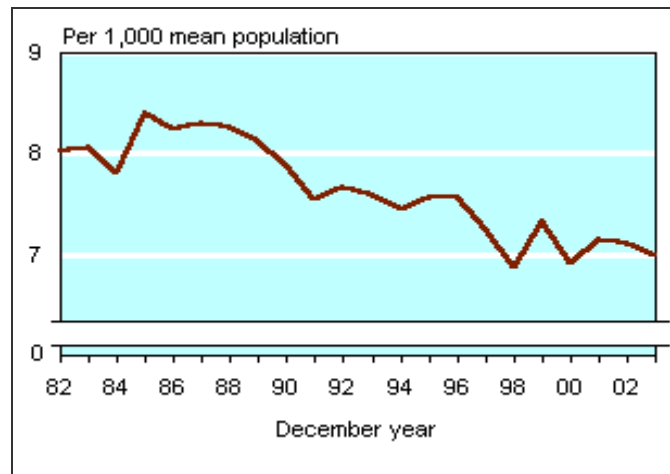
### Deaths - Summary of Latest Trends

*(All Observations Based On Final Deaths For The December 2003 Year)*

Nationally:

- There were 28,010 deaths registered in New Zealand during the December 2003 year, compared with 28,065 in the December 2002 year, a decrease of 55 or 0.2 percent. There were 14,020 male deaths compared with 13,990 female deaths.

The crude death rate (number of deaths per 1,000 estimated mean population) decreased during the December 2003 year, from 7.12 per 1,000 in 2002 to 6.99 per 1,000 in 2003. The death rate for males (7.11 per 1,000) was 4 percent higher than that for females (6.86 per 1,000) in the December 2003 year. Males have consistently higher mortality rates at all ages compared with females.



**Chart 3.6: Crude Death Rate 1982 - 2003**

*Note: The crude death rate from 1991 onwards is based on the resident population concept. Figures prior to 1991 are based on the de facto population concept.*

**CONCLUSIONS:**

The following conclusions can be drawn from the information above:

- In keeping with national trends, Hauraki District's population is declining overall.
- Within the district, some areas are increasing in population i.e. Ngatea, Whiritoa.
- The population is aging, but longevity is increasing – therefore, take-up rates are expected to follow national trends and stabilize, and possibly reduce over time – there could be less need for burial space.
- An increase in the Ngatea township population will place slightly more demand on the existing relationship with Thames-Coromandel District Council and the provision of burial sites at the Totara Cemetery – their ability to continue the relationship needs addressing.
- Currently there is undeveloped land available at both Waihi and Paeroa cemeteries, sufficient to cater those communities burial needs until at least 2050, based on current usage rates.

**22.2.2 Options & Suitability****Public Health Assessment**

The existing Waihi Cemetery and Pukerimu (Paeroa) Cemeteries provide adequate burial space for at least the next five decades. On this basis, it is considered that public health is adequately protected. Also on the same basis, further consultation with the community on the future provision of cemeteries in the district is considered unnecessary.

Planned development of existing undeveloped land at both cemeteries should be included in future capital improvement programmes.

**22.2.3 Intended Role of Council**

Council's role is to be a provider of cemeteries as per the Health Act (a legislative requirement).

**22.2.4 Proposals to Meet Demands**

Council proposes to undertake the following actions to meet future demands.

- i. Pukerimu (Paeroa) Cemetery Expansion (Action date: 2005 – 2008)
  - Development of undeveloped land within the boundary of the existing cemetery.
  - Construction of new internal roads/accessways/walkways in both the general and RSA sections
  - Provision of more memorial berms and ashes berms, allowing additional casket and ashes burials
  - Landscaping and fencing improvements
  - Upgrade of storage/maintenance facilities.

- ii. Waihi Cemetery (Action date – 2005 – 2009)
- Construction of new internal roads
  - Provision of more memorial berms and ashes berms, allowing additional casket and ashes burials
  - Landscaping and fencing improvements
  - Upgrade of storage/maintenance/toilet facilities.

It should be noted that these planned works are to ensure infrastructure is in place within the boundaries of the existing cemeteries to meet expected demand.

In addition to the above, Council will also consider:

- iii. Plains Ward – Provision of Cemetery Facilities
- Liaison with Thames/Coromandel District Council to consider the ongoing ability of Plains residents to be buried at the Totara Cemetery, Thames.

## 22.3 Public Toilets



*Photo: Paeroa – Information Centre Toilets, Belmont St.*



*Photo: Karangahake Reserve Toilets*

## 22.3.1 Physical Description

### 22.3.1.1 Council Facilities

(refer location map, Appendix 1)

	Number of Toilet Pans or Units	Disabled Toilet Included	Stainless Steel Handbasin	Waste - water Disposal	Internal Lighting	Other Facilities Provided	Cleaning frequency	Opening Hours /Days
<b>Ngatea Orchard Road</b>	3 W 2 M + U	1 W 1 M	2 W 2 M	Treated Sewerage	Yes (1)	Sanitary Disposal Units Sanitiser – Urinal Sanitiser – Toilet Water Controller	1 X day	24 hours, 7 days
<b>Turua</b>	1 W 1 M + U	None	1 W 1 M	Treated Sewerage	Yes	Bus Stop Area/Seating Rubbish Bins	1 X day	24 hours, 7 days
<b>Waitakaruru</b>	1 W 1 M	None	None	Septic Storage	None	Bus Stop Area/Seating Rubbish Bins	1 X day	24 hours, 7 days
<b>Speedy's Reserve</b>	1 W 1 M	None	None	Disposal Field	None	Rubbish Bins	1 X day	24 hours, 7 days
<b>Haszard St, Waihi</b>	3 W 2 M + U	1 W 1 M	2 W 2 M	Treated Sewerage	Yes (1)	Sanitary Disposal Units Sanitiser – Urinal Sanitiser – Toilets	1 X day	24 hours, 7 days
<b>Morgan Park, Waihi</b>	3 W 2 M + U	None	1 W 1 M	Treated Sewerage	None		1 X day	8.30am – 5.30pm , 7 days
<b>Gilmour Lake Waihi</b>	1 W 1 M	1 W 1 M	1 W 1 M	Treated Sewerage	None	Rubbish Bins	1 X day	24 hours, 7 days
<b>Victoria Park Waihi</b>	3 W 2 M + U	1 W 1 M	2 W 2 M	Treated Sewerage	Yes (1)	Sanitary Disposal Units Sanitiser – Urinal Sanitiser – Toilets Rubbish Bins	1 X day	24 hours, 7 days
<b>Karangahake Reserve</b>	2 W 1 M + U	None	1 W 1 M	Disposal Field	None	Seating in Toilets Sanitary Disposal Units Mothers Room External Taps	1 X day	24 hours, 7 days
<b>Esplanade Reserve Whiritoa</b>	1 W 1 M	None	1 W 1 M	Treated Sewerage	Yes		1 X day	24 hours, 7 days
<b>Pohutukawa Reserve Whiritoa</b>	1 W 1 M + U	1 M	1 W 1 M	Treated Sewerage	None	External Shower	1 X day	24 hours, 7 days
<b>Paeroa Belmont Street</b>	4 W 2 M + U	1 W 1 M	1 W 1 M	Treated Sewerage	Yes	Sanitary Disposal Units Sanitiser – Urinal Sanitiser – Toilets Hand dryers	1 X day	24 hours, 7 days
<b>Paeroa Domain</b>	4 W 1 M + U	None	2 W 2 M	Treated Sewerage	Yes	Sanitary Disposal Units	1 X day	24 hours, 7 days

W: Women's Toilets    M: Men's Toilets    U: Urinal    (1). Streetlights provide internal lighting for the facility

Toilet facilities range in age from 1955 – 2003. Some older facilities have been remodelled/retrofitted during the life of the asset to ensure a minimum standard of facility provision is maintained.

In relation to the operation and maintenance of Council's toilets, the following applies:

- Graffiti protection: All toilets in the district have graffiti protective coatings applied to internal walls to facilitate the easy removal of graffiti.
- Operation & maintenance: Waitakaruru & Turua toilets have daily cleaning carried out by contractors. All other toilets are cleaned on a daily basis by Council's Construction & Maintenance business unit.
- Routine repairs and maintenance are carried out by either contractor or Council's business units as required.
- Service requests relating to public toilets are logged through Council's Call Centre. Calls relating to toilets have a high priority, with Council setting a 4-hour turn-around target for ensuring toilets remain operational.

### 22.3.1.2 Other Facilities

Some toilets on private property, i.e. commercial premises such as gas stations, assist in protecting public health - despite being privately owned, the toilets located in these properties are often considered 'publicly accessible'.

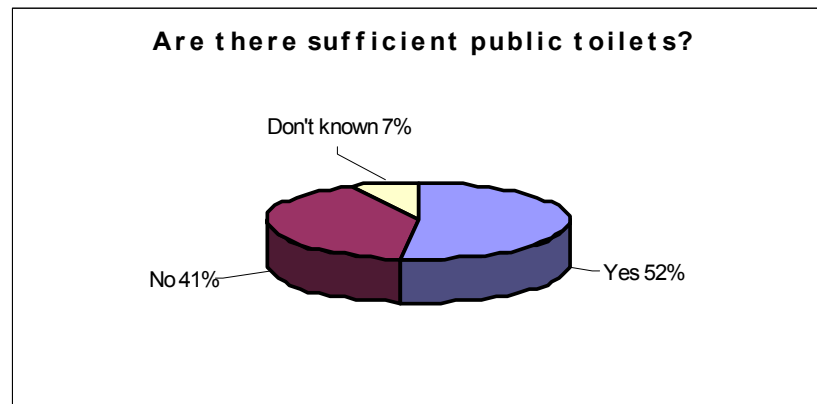
48 business owners were identified as a potential provider of toilets to the public and a survey was mailed to each of these businesses, asking nine questions. 55% (27) of the questionnaires were returned. The businesses were:

- Petrol stations
- Cafés & restaurants
- Hotels & bars
- Wineries
- Department of Conservation

Survey questions and a full summary of the survey results are available in the Appendices. Relevant points to be noted from the summary are:

- 82% of respondents (22) have toilet facilities available to customers
- 51% (14) have more than 1 toilet unit available
- 59% (16) have toilets available 7 days/24 hours – same as public toilets

The survey also asked whether respondents considered there was sufficient provision of public toilets in the district, and, if not, where additional toilets could be located.



The suggested locations for additional public toilet facilities (by Ward) were:

***Paeroa Ward***

- L & P Bottle Park
- RSA

***Plains Ward:***

- Dress Circle, Kaihere SH27
- East end of Ngatea township
- Kopuarahi Corner
- Near Kopuarahi Hall
- Near Hauraki Golf Course - Mangatarata
- SH27 near Patetonga
- Petticoat Junction Transport Café, SH 2/SH 25

***Waihi Ward:***

- Post Office
- Waikino Railway Station end carpark
- Start of Victoria Battery road underpass
- Information Centre and/or area adjacent to KFC, Commercial Hotel and RD1 in Waihi

***Other Suggested Locations:***

- Road end facilities required - especially as recreation use of DOC land increases
- Kopu

## 22.3.2 Forecast Future Demand

Hauraki District, by virtue of its geographical location, positioned between Auckland and the Coromandel Peninsula, and Auckland and the Bay of Plenty, experiences high numbers of visitors and travellers. At certain times of the year, coinciding with national holidays, visitor numbers reach peak levels. A lack of public toilet facilities in the northern part of the district, servicing the travellers between Auckland/Coromandel has been noted in the survey. Any increasing development on the Coromandel, i.e. Whitianga Waterways, that results in an increase in numbers travelling, will exacerbate this demand.

There is no data available on actual visitor numbers relating to public toilet use. However, from local knowledge, it is known that public toilets are used by both local residents, and out-of-district visitors. Some toilets in specific locations, i.e. Speedy's Reserve, are known to be used almost exclusively by out-of-district visitors.

Some toilets, i.e. Karangahake Reserve, are experiencing high levels of use, greater than initially anticipated, and placing demand on the capacity of the facility, particularly at peak times. The attraction of activities/facilities of the adjoining landowner, in this case the Department of Conservation (DoC), also increases use of the public toilet provided by Council. Any improvements made by DoC to their facilities/activities will have a corresponding increase in use of the public toilet. Similarly, if DoC make improvements to other areas that are currently not serviced by a public toilet, there can be an expectation by members of the public that a public toilet will be provided. However in instances such as this DoC would be expected to provide toilets for its visitors.

The district's three main urban areas are located along state highways, and the strategic placement of public toilets along these same routes in these areas assists in servicing out-of-district visitors.

Privately owned toilets that are publicly accessible have a role to play in the overall provision of toilet facilities for the public across the district. If these toilet facilities were removed from use or made unavailable i.e. by a change of business type or business closure, this could impact on current levels of use in public toilets.

### 22.3.3 Options & Suitability

#### Public Health Assessment

Considered in combination, the following facts suggest that there is a mixture of inadequate/adequate public toilet facilities provided.

Adequacy in relation to number/location:

- Public toilets are strategically placed across the district, that is:
  - On major through routes and state highways
  - In the three main urban areas Paeroa, Waihi and Ngatea
  - At the beachfront settlement of Whiritoa
- Survey of known privately owned but publicly accessible toilets suggests there is a need for additional toilets in some areas of the district.
- Operation & Maintenance: Council's practices meet current demands and levels of service as specified in asset management plans.
- Physical condition of facilities: Existing facilities comply with current building and health requirements.

Overall, existing facilities are of adequate quality. However, the number and location of public toilets could be inadequate to cope with future demands.

Consequently, it is assessed that public health is adequately protected at the current time.

### 22.3.4 Intended Role of Council

Council's role is to be a provider and funder of public toilets primarily on behalf of residents and visitors, and the travelling public to meet the level of service demanded in relevant Council plans and policies. Good public toilets with better facilities are generally situated in the urban areas to not only serve locals but to provide an incentive to travellers to stop and in turn shop to aid the local economy.

### 22.3.5 Proposals to Meet Demands

Provision of additional public toilets should be evaluated, in the first instance, in the following areas:

- Rural State Highway, north of Ngatea, (for needs to travelling public).
- Karangahake Gorge – areas adjacent DoC facilities/activities (in conjunction with DoC).

Council proposes in the LTCCP to undertake the following actions:

- Construction of a new public toilet in the Paeroa CBD in the 2004/05 financial year, to satisfy demand for a public toilet in the town centre.
- Construction of a replacement toilet block at Gilmour Reserve, Waihi, as part of the Gilmour Reserve Development, in the 2004/05 financial year, to satisfy increasing demand caused by increasing use of the reserve.
- Construction of a replacement toilet block in Turua in the 2011/12 financial year. The existing toilet block is very old and the standard of the facility below average.
- Improvements to the sewerage disposal system associated with the Karangahake Reserve Toilets, to cater for increasing demand use, in the 2004/05 financial year.
- Construction of a new toilet block in Whiritoa, at the Sport & Recreation Reserve, in the 2008/09 financial year, to cater for increased demand.

In addition to these major Capital Works, ongoing major maintenance works are planned for all public toilets, i.e. interior and exterior repaints, replacement of internal partitions, etc. These are carried out at an industry-recommended frequency.