



# water and sanitary services assessment

# Water and Sanitary Services Assessment Summary

In accordance with Schedule 10 of the Local Government Act, the following is a summary of the Water and Sanitary Services Assessment adopted by Council in 31 October 2005.

## Cemeteries and Crematoria

Council maintains 13 gazetted cemeteries within the Gisborne district. Cemeteries at Taruheru, Patutahi, Tokomaru Bay and Tolaga Bay are fully maintained to a high standard. Cemeteries at Te Araroa, Matahiia, Ruatōria, Te Puia Springs, Rakauroa, Ormond and Motu are maintained to a lower standard and fees are set accordingly. The closed cemetery at Mākaraka is maintained as an historic cemetery site. The Taruheru Crematorium is operated by Evans Funeral Services. The cemeteries have extensive capacity for burials and interment of ashes. The most appropriate option to meet future demand for burials and cremations in the Gisborne district is through the continued use and development of the district's cemeteries and private crematorium. The cost associated with meeting future demand for burials was through the development plan for Taruheru cemetery. Provision has been made for new berms in this Draft Ten Year Plan. Cemetery access improvements were made during 2008-09.

## Public Toilets

There are 75 public toilets managed by Council within the district. They are located on parks, reserves and road reserves and at beaches. All public toilets in Gisborne city have a reticulated water supply and are connected to the public sewerage system. All other toilets have their own storage or disposal systems. Current performance of Council-managed public toilets in meeting the expectations of residents of each facility has been assessed against a number of criteria including hygiene, safety/security, accessibility and convenience.

A number of toilet facilities have been identified as less than adequate in several performance factors. They are priorities for upgrading. Five of the district's camping grounds provide wastewater disposal facilities for campervans.

Two disposal facilities are provided at service stations in Gisborne city. Two other public disposal facilities are provided by the Council, one at Te Araroa and one at Tokomaru Bay.

The assessment of public toilets showed that the overall provision is adequate to meet the estimated demand within the district for the planning period to 2016. Demand for additional toilet facilities is driven by a number of factors and is not limited to a deficiency in current capacity. To ensure demand is met, that no public health issues arise and that other issues identified by the assessment are addressed, the following were implemented.

- ▶ A programme of regular audits of Council-managed public toilets to ensure hygiene standards continue to be consistently achieved.
- ▶ The upgrading of toilets that are not working well.
- ▶ A programme of installing new toilets and hand washing facilities to replace non-flush (pit) toilets is underway.
- ▶ Improved signage to make toilets easy to find.
- ▶ 24 hour access to Derby Street public toilets.
- ▶ Two additional motorhome waste disposal sites have been established.

## 3 Waters

Council is required to assess the health risk associated with current and future requirements of stormwater, water and wastewater. A detailed assessment was completed for the communities listed in the table below.

The assessments covered health risk, options to reduce or remove those risks, potential reuse of grey water and future requirements for each community.

The assessments for the rural townships included the results of consultation with those communities in 2005. They are also summarised in the table below.

No significant health risks relating to water supplies, wastewater or stormwater drainage were identified. Some areas of the rural townships have problems with ponding and other issues relating to functioning of septic tanks and disposal of effluent.

The rural township communities have generally indicated that the cost of reticulation works for water supply and wastewater disposal are not justified by the level of risk. The highest ranked option is point of use (PUD) or point of entry (PED) filter devices on home water supplies. But there is little data to confirm whether health risks exist with individual water and wastewater systems. These systems are required to meet minimum standards.

Council will continue to seek assistance from the Government assistance programme for improving community water schemes. Council also developed a policy by June 2006 for identifying and remedying dangerous or insanitary buildings.

Maintenance of stormwater drains has become more proactive with the preparation of Stormwater Asset Management Plans.

COMMUNITY	COUNCIL SERVICES	KEY FINDINGS
HICKS BAY	No GDC water or wastewater services. Reactive maintenance or roadside stormwater drains.	Status quo for current levels of service. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met. <i>This has now been undertaken.</i>
TE ARAROA	No GDC water or wastewater services other than septage disposal site. Reactive maintenance of roadside stormwater drains.	Status quo for wastewater. Survey dwellings to check adequacy of existing water and wastewater systems, and develop strategy to ensure minimum standards met. Water reticulation costs too high. Alternative supplementary water supply investigated.
TIKITIKI	No GDC water or wastewater services other than septage disposal site.	Status quo for current levels of service. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met.
RUATŌRIA	No GDC water or wastewater services other than septage disposal site. Reactive maintenance of roadside gutters and stormwater drains.	Status quo for current levels of service. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met.
TE PUIA SPRINGS	No GDC water or wastewater services other than septage disposal site. Private water reticulation to most of community; private wastewater treatment for hospital and hotel.	Status quo for current levels of service. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met.
TOKOMARU BAY	No GDC water or wastewater services. Reactive maintenance of roadside gutters and stormwater drains.	Status quo for current levels of service. Issues with septic tanks in some areas. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met.
TOLAGA BAY	No GDC water or wastewater services. Reactive maintenance of roadside gutters and stormwater drains.	Status quo for current levels of service. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met.
WAINUI/OKITU	No GDC water or wastewater services. Supplementary water sourced from city supply. Reactive maintenance of roadside gutters and stormwater drains.	Options are to install reticulated water and wastewater systems or introduce a wastewater monitoring programme. <i>Following consultation the proposal for the reticulation of water/wastewater was discontinued.</i>
MATĀWAI	No GDC water or wastewater services. Reactive maintenance of roadside gutters and stormwater drains.	Status quo for current levels of service. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met.
WHĀTĀTŪTŪ	Supplementary water supply (low pressure reticulation) provided to most dwellings, to augment primary rain collection. No GDC wastewater services.	Investigations of the current water system with regards to pressure and quantity are under way. Status quo for current levels of service. Issues with septic tanks in some areas. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met. <i>PHRM Plan was completed and CAP assistance to be applied for.</i>
TE KARAKA	Supplementary water supply (low pressure reticulation) provided; full sewerage reticulation and treatment system since 1972; 17.5 kms of stormwater drainage infrastructure.	Investigations of the current water system with regards to pressure and quantity are under way. <i>PHRM Plan was completed and CAP assistance to be applied for.</i>
PATUTAHĪ	No GDC water or wastewater services. Supplementary water sourced from city supply. Reactive maintenance of roadside gutters and stormwater drains.	Status quo for current levels of service. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met.
MANUTUKE	Supplementary water supply (low pressure reticulation) from the Gisborne city main provided to augment primary rain collection. No GDC wastewater services.	Extension of the existing reticulated zone to include Tuaraki Road and Taurau Valley Road and extra connections in Papatu Road were investigated. Agreement on costs and connection in Tuaraki Road required before Council can proceed further. Survey dwellings to check adequacy of existing water and wastewater systems, and develop strategy to ensure minimum standards met. <i>Papatu Road reticulated. Others discontinued.</i>

COMMUNITY	COUNCIL SERVICES	KEY FINDINGS
MURIWAI	No GDC water or wastewater services. Supplementary water sourced locally or from city supply. Reactive maintenance of roadside gutters and stormwater drains.	Reticulation costs are too high for the community. The community is now looking to investigate ways to improve their current water supplies through Council and other avenues. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met.
MĀKARAKA	Supplementary water supply (low pressure reticulation) from Gisborne city main available to augment primary rain collection. No GDC wastewater services. Maintenance of drains.	Status quo for current level of service. Issue with ponding around septic tanks in some areas. Survey dwellings to check adequacy of existing water and wastewater systems, develop strategy to ensure minimum standards met. <i>Wastewater reticulation proposal in Draft Ten Year Plan.</i>
GISBORNE CITY	Aa potable water supply from Waipaoa, Te Ārai and Mangapoike, fluoride-treated with 1.5 day summer storage capacity available within city. Full wastewater reticulation to milliscreens and ocean outfall. (Some major industries are required to treat on site, and trade waste bylaws apply). Stormwater drainage capacity is being upgraded in problem areas.	Complete installation of UV treatment for water supply programmed.  The Gisborne City Wastewater Strategy will achieve secondary, UV and 'through land' treatment for city wastewater by 2017. <i>Superseded by Wastewater Treatment Plant Project- underway.</i>  The significant upgrade of stormwater drainage system, to separate from sewers and reduce flooding in urban areas, is almost complete. Ongoing.