

10 Conclusions

10.1 Recommendations

Proposed actions relating to water are to:

- Contribute to the Wellington Water Management Plan proposed by GWRC to consider water demand issues and water conservation
- Seek to gather information on the quality of the non-reticulated water supplies
- Undertake education regarding safe drinking water
- Consider introducing a code of practice for private rainwater systems for use as a building compliance guidance document under the potable water requirement of the Building Act
- As a safeguard recommend that all new dwellings be required to install first-flush diverters on all roof water feeding to tank(s).
- Consider applying the proposed Ministry of Health/ Ministry for the Environment national environmental standard for human drinking-water sources to smaller individual drinking-water supplies via mechanisms that would ensure regular monitoring and maintenance of collection systems.

Proposed actions relating to wastewater are to:

- Continue with current Council projects to reduce wastewater overflows and improve performance of the wastewater system
- In conjunction with GWRC seek to gather information on the operation and maintenance of septic tanks and on-site wastewater disposal systems
- Consider mechanisms that would ensure septic tanks and on-site wastewater disposal systems are installed and maintained in a manner that prevents their failure and ensures effective operation
- Consider implementing the forthcoming MfE guidelines for the safe and clean operation of septic tanks.

Proposed Actions relating to stormwater include:

- Continue completing catchment management plans and subsequent upgrade works under the Flood Protection Project to reduce the flooding risk in the city
- Integrate Sustainable Stormwater Management (SSM) including Low Impact Urban Drainage Design (LIUDD) principles into mainstream development practices.

- Maintain investigations in conjunction with GWRC to determine appropriate water quality standards related to stormwater across the region. Monitor the effects and investigate ways to reduce the effects. This will assist in determining what level of treatment may be required on future stormwater discharges
- Consult with the community on stormwater quality and the potential environmental impacts.

Proposed Actions relating to cemeteries include:

- Consider plans for opening new areas within Makara Cemetery for burial the cemetery,
- Take into account planting, road access and services.

Proposed Actions relating to public conveniences include:

- Address ways to improve the service it provides to users of these facilities.
- Seek to gather information number of users for each facility.

10.2 Data to be obtained for the next Assessment

The LGA 2002 requires territorial authorities to complete their assessments “from time to time”. Officers propose that the next assessment be completed in four years time to coincide with the LTCCP, but notes that not all services will necessarily be assessed at the same time.

Given the lack of available information on several of the services, it is recommended additional information be collected for the next assessment. This should include:

- Non-reticulated potable water source, treatment and quality.
- The number and type of non-reticulated wastewater treatment facilities and their efficiency.
- The usage level of public conveniences.

Due to this lack of information it is not possible to clearly define the level of public health risk some of these services pose, based on the lack of any significant outbreaks of disease and reported sickness they have been assessed as presenting minimal public health risks. In future when these data gaps have been filled, especially the data on water quality, there may need to be a review of the public health risk.

The LGA 2002 requires consultation with communities on the Assessment to allow the communities presentation of their view of the issues.