

## **Proposed requirements under the Regulations on the Measurement and Reporting of Water Takes**

The proposal requires that the holders of all water take consents (and deemed permits) for the taking of five litres per second or more shall collect and report records which meet the following minimum requirements:

- Continuous records of the amount of water taken
- The continuous records shall record daily volumes (or weekly volumes for some takes) in cubic metres in an auditable format
- Records must be collected by water measurement/monitoring devices and systems which are:
  - Capable of recording daily volume in cubic metres to an in situ accuracy standard of  $\pm 5$  percent for piped takes, and  $\pm 10$  percent for open channel takes
  - Capable of providing output in a form suitable for electronic data storage
  - Appropriate to the qualities of the water it is measuring (including temperature and sediment content)
  - Sealed and as tamper proof as practicable
  - Installed to comply with the manufacturers' instructions
  - Installed in a location that measures all water taken (e.g. be installed before the first outlet point downstream of the point of take)
  - Independently verified for accuracy every five years or more frequently if recommended by the manufacturer/installer
- They are in the form of either manual or electronic records, as elected by the regional council

The responsibility for recording and transferring data to the regional council rests with the consent holder, and that data is transferred to the regional council on at least an annual basis

A regulatory authority may apply more stringent requirements on consent holders, including, but not limited to, the ability to require measurement of water takes below five litres per second or further requirements for measurement over the minimum standards specified by the regulations

The regulations will include a transitional period for existing qualifying consents to comply with the regulations as follows:

- Takes 20 litres per second or greater – within two years

Attachment 1 to Report 10.283

- Takes greater than 10 litres per second and less than 20 litres per second – within four years
- Takes of 5 litres per second or greater up to 10 litres per second – within six years

New consents, reviewed consents or replacement consents would be required to comply from granting of the consent.