

5.1 Design and operation of the Rural Pipeline Systems

The pipeline will provide water to property boundaries, with landowners being responsible for providing infrastructure to store and deliver water around the property. Landowner responsibilities also include design costs, purchase, installation and maintenance of all pipe work and fixtures downstream of the water meter.

The pipeline is designed to provide a flow rate equal to the peak month average daily demand to rural properties. To balance system capital and operating costs, on-farm storage of water is a critical and inherent part of the system design. This enables the on-farm water demand at peak usage times (e.g. a hot summer day) to be met from tanks, which will be replenished over the whole day at an average flow rate. This system provides an equitable level of service to all properties.

