



LIVERPOOL PLAINS SHIRE COUNCIL RURAL WATER CONNECTION TO RISING AND TRUNK MAINS POLICY

Version	Date	Resolution No	Details
1	18 April 2018	2840	New Policy
Review Due	18 April 2022		

POLICY OBJECTIVES

The objectives of this policy are to:

- 1 Provide clear direction to which properties are able, and not able, to connect to Water Supply Rising and Trunk Mains within the Liverpool Plains Shire Council.
- 2 Provide appropriate controls and conditions for water connections to protect the intended water quality and supply performances.
- 3 Establish appropriate application of fees and charges for water connections to Rising and Trunk water mains.

RELEVANT LEGISLATION

- ▶ Local Government Act (NSW) 1993
- ▶ Local Government (General) Regulation (NSW) 2005
- ▶ AS/NZ 3500 National Plumbing and Drainage Code

EFFECTIVE DATE AND POLICY REVIEW

The policy shall be reviewed every four years or earlier if required by legislation, Council resolution or recommendation of the General Manager. If the policy is not reviewed within this timeframe, it remains active until such time as it is reviewed or revoked by Council.

This policy comes into effect on 2 May 2018.

Signed by General Manager:

R S (Ron) van Katywk

Date Approved: 18 April 2018

CONTEXT AND LINKS TO OTHER DOCUMENTS

This policy is to be read and implemented in conjunction with:

- ▶ LPSC Backflow and Cross Connection Prevention policy
- ▶ LPSC Rural Dwellings Water Supply – Low Flow Reticulated Supply policy
- ▶ LPSC Water Service Connection (Potable Supply)
- ▶ LPSC Drinking Water Quality policy
- ▶ NHMRC Australian Drinking Water Standards (2011)

DEFINITIONS

Water Rising Main: A pressurised main as part of a water supply delivery system (but is not a reticulation main and usually has, but is not limited to, a singular direction of water transmission). Water transmitted in a Rising Main can be either raw or treated.

Water Trunk Main: A gravity pressurised main as part of a water supply distribution system (but is not a reticulation main and usually has either singular or bi-directional water transmission). Water transmitted in a Trunk Main is usually treated.

Water Reticulation Main: A gravity, or pump, pressurised main as part of a network of potable water supply distribution pipework to individually metered consumers. Can usually comprise of hydrants for access to Fire Fighting supply. Water transmitted in a Reticulation Main is usually treated.

Existing Property: For the purpose of this policy, a property created prior to 21st February 2018 with an existing Council provided water connection, and is considered a whole entity possessed by the same owner/s. Individual property parcels which have been consolidated for the purposes of rating are considered as one Existing Property.

Rural Property: For the purpose of this policy, a property classified as Land Use Zone RU1 Primary Production which does not have a specifically constructed potable water reticulation. Individual rural property parcels which have been consolidated for the purposes of rating are considered as one Rural Property.

Potable Water: Water of a quality suitable for drinking, cooking and personal bathing. The standards that define potable water are described in the Australian Drinking Water Guidelines.

Non-Potable Water: Water that is not of drinking quality, but may still be used for many other purposes, depending on its quality.

Fixture: A piece of equipment, or device, designed and intended to be used to make use of water supply (for example, valve, tank, pump, toilet cistern, etc.)

INTRODUCTION

Council's water supplies are treated to a standard that meets the Australian Drinking Water Guidelines. Whilst the production of quality water primarily occurs during the treatment process, transmission and distribution of the treated water can introduce risks to the ongoing quality of a drinking water supply to the consumer. Inherently, rural water connections introduce high levels of hazards and risks to a drinking water supply and because of their location within the distribution system, has the potential to contaminate an entire urban drinking water supply.

Additionally, by their nature, the operation of Rising and Trunk water mains introduces a high degree of variability in water pressure and flow. The long lengths of usually larger diameter Rising and Trunk pipework used to link a water source to its reticulation requires variable pumping periods and at rates determined by the water supplies demand. In some cases, extended periods of no supply could occur as part of normal operation. This variability does not facilitate manageable performance levels comparable to those established for a gravity reticulation.

To address the issues relating to water quality and performance within Council's potable water supplies, the following will apply to water connections of Rising and Trunk Mains by Rural Properties.

POLICY

General

- ▶ Council will not permit the connection to Rising and Trunk mains by any Rural Property (other than an Existing Property as defined by this policy) to its potable treated water supplies.
- ▶ Any Existing Property connected to water supply via a Rising or Trunk main shall comply with the standards set out in the LPSC Rural Dwellings Water Supply – Low Flow Reticulated Supply policy.
- ▶ All Rural Property connections to a Council water supply shall meet the requirements of the LPSC Backflow and Cross Connection Prevention policy.
- ▶ All Rural Property connections to a Council operated water supply shall be subject to the acceptance of a Water Service Agreement, signed by the owner, on application to the Council. Each Water Service Agreement will be personal to the property owner and any subsequent land ownership changes will require the new owner to renew the agreement with Council. Indication on requested Section 149 certificates will be used to inform potential new owners of the requirement to enter into a new agreement.
- ▶ All Water Service Agreements for connection to a Rising or Trunk main will have a fixed maximum term of five (5) years from the date of acceptance of the agreement. Upon expiration, renewal of the Water Service Agreement will be required to be undertaken by application if the consumer wishes to continue with water supply. This renewal process will not have a fee.

- ▶ Water connections to Rising or Trunk mains will not be water rated under Section 124, Local Government Act (NSW) 1993 and are considered voluntary. Formal requests to disconnect water supply to an Existing Property from a Rising or Trunk main will mean the property will no longer attract an annual water rating following disconnection.
- ▶ In the event of a property having been disconnected, any subsequent reconnection applications will result in the property being required to pay all appropriate fees applicable at the time to facilitate water connection. In the event of the reconnection request occurring after two (2) years of disconnection, the applicable Headworks Charge at the time shall be payable in addition to connection fees and charges.
- ▶ All water connections shall be metered with the meter located within the first 1m of the property along the road frontage that contains the water main, of an Existing Property. Water connections will only occur if an Existing Property is adjacent to the location of the water main. No water service will be allowed by gaining access through another property to the main.
- ▶ The water meter shall be protected by the consumer (e.g. from activities such as cattle grazing, crop production or freezing), but shall always remain readily accessible for the purpose of meter reading by Council Officers and agents.
- ▶ The consumer will be responsible for installing, and maintaining in working order, a Pressure Reduction valve at the meter assembly if required.
- ▶ Consumers connected to Rising and Trunk mains shall comply with the same water restriction rules as applied, from time to time, to the water supply system which they are connected.
- ▶ In water supplies which have an automated water loss monitoring system incorporated in its Rising and Trunk mains operation, a consumer water meter shall be installed which has the ability to be read via remote interrogation (method of communication is subject to Council's approval) from Council's Office. This meter type shall be installed at the cost of the consumer.
- ▶ Not all locations are able to be serviced entirely, and Council's minimum water service performance shall be determined at the water meter. It is solely the responsibility of the applicant to ensure that the provided water service performance at the water meter is not compromised by the owner's plumbing fixture location or performance (such as pipeline sizing, length or fixture elevation). In the event that water service cannot be provided, the application will be rejected.
- ▶ Any newly established water connections (also refer to Exceptions within Specific Systems following), will be required to pay all costs, fees and charges associated with connecting to the main, plus payment of relevant Headworks Charges applicable at the time of connection. Council will not turn on the water service until ALL costs and required connection conditions have been completed to the satisfaction of the Water Services Manager.

Specific – Quipolly Water System

- ▶ Council will not permit connection to the Rising Main located between the junction of Lowes Creek Rd and Bridges Rd, through to its termination at Quirindi Northern Reservoir (described as the Quirindi Branch).
- ▶ An Exception within the Quipolly water system is to allow the connection of Rural Properties to the Rising Main located between the Quipolly Water Treatment Plant and the junction of Lowes Creek Rd and Bridges Rd, through to its termination at the Werris Creek Reservoir (described as the Werris Creek Branch). This exception applies due to the presence of a large number of existing water connections on the existing Raw Water Rising main from Quipolly Dam which will have the option to connect to a segment of the newly relocated Treated Water Rising main under this policy. In this branch of main, new accessibility to currently un-serviced properties will be created in addition to existing connections.
- ▶ The two existing raw water (non-potable) connections created as part of the Quipolly Dam Nutrient Reduction (foreshore fencing) program carried out by Parry Shire Council shall continue to be serviced as per the conditions of the original Agreement entered at the time. Any subsequent changes in standard, service, or water quality, shall require a new Water Service Agreement to be entered into.

Specific – Quirindi Water System

- ▶ Council will not permit connection to the Rising Main (described as Quirindi No. 1 Rising Main) located between the Quirindi Balance Tank Pump Station, through to its termination at Quirindi Northern Reservoir.
- ▶ Council will not permit connection to the Rising Main (described as Quirindi No. 2 Rising Main) located between the Quirindi Balance Tank Pump Station, through to its termination at Quirindi Southern Reservoir.
- ▶ An Exception within the Quirindi water system is to maintain the connection of the Rural Properties already on the Rising Main located as follows;
- ▶ Connections on the Quirindi Rising Main No.1 Bolah Ridge Road, properties (Lots 3-6, 8-14 DP828011 & Lots 71-72 DP1175500).
- ▶ Connections on the Quirindi Rising Main No.2 Kamilaroi Hwy, properties (Lots 1-8 DP1066703 & Lot 1 DP1233453).

Specific – Blackville Water System

- ▶ Council will not permit connection to the Rising Main located between the Blackville Water Pump Station, through to the western side of the Black Ck.

Specific – Carroona Water System

- ▶ Council will not permit connection to the Rising Main located between the Carroona Water Pump Station, through to the western side of the Mooki River.

Specific – Premer Water System

- ▶ Council will not permit connection to the Rising Main located between the Premer Water Pump Station, through to the eastern side of Ellerslie St.

Specific – Spring Ridge Water System

- ▶ Council will not permit connection to the Rising Main located between the Spring Ridge Water Pump Station, through to the Premer Rd and Goran Lake Rd intersection non-return valve.

Specific – Wallabadah Water System

- ▶ Council will not permit connection to the Rising Main located between the Wallabadah Water Pump Station No.2, through to its termination at the Wallabadah Eastern Reservoir.

Specific – Quirindi To Willow Tree Water Transfer System

- ▶ Council will not permit connection to the Rising Main located between the Quirindi South Water Pump Station, through to its termination at the Willow Tree Reservoir.