

What is Fluoride?

Fluoride is a naturally occurring mineral found in soil, rocks, seawater and groundwater. Seawater contains up to 1.4 parts per million (ppm) fluoride, while some groundwater in western Queensland can have over 3 ppm.

Is water fluoridation safe?

Fluoridation is supported by many peak health bodies including the National Health & Medical Research Council, the Australian Dental Association, the Australian Medical Association and the World Health Organisation.

Council has resolved to provide fluoridation to Gympie and Tin Can Bay/Cooloola Cove reticulated systems.

How much fluoride is in my water?

Fluoride occurs naturally in water sources. The amount of fluoride dosing to the water supply is calculated, based upon the amount of naturally occurring fluoride. Legislation dictates the amount of fluoride in the water. This target concentration for fluoride dosing in the water supply is 0.8mg/L, with legislation mandating that concentrations in potable water supplies can be no more than 1.5 mg/L. Dosing facilities in the plants are designed to ensure water with unsafe concentrations can never leave the treatment plants.

Source of fluoride?

Council uses granular sodium fluoride for its water treatment plants and to ensure the sodium fluoride meets the stringent requirements for impurities, the certificate of analysis for each batch is checked for compliance against the maximum impurities content specifications as per the Queensland Water Fluoridation Code of Practice 2013.

Council monitors the fluoride concentration in drinking water continuously by undertaking daily dosing, testing and reporting of fluoride within the water treatment plant in accordance with the Water Fluoridation Regulation 2008. Further, Queensland Health Department who regulate the use of fluoride in drinking water supplies, carry out regular third party audits of Council's fluoride operations to ensure compliance with the industry code. <https://www.health.qld.gov.au/public-health/industry-environment/environment-land-water/water/fluoridation/default.asp>

General

If you have further questions, please contact us :-

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