

Dr Kathleen Theissen on NRC Review.

Endorsed by Dr Hardy Limeback

The NRC committee put together a very thorough evaluation of fluoride exposure in the US, much of which would be applicable also for NZ.

The NRC committee said, unanimously, that 4 ppm (4 mg/L) of fluoride is not protective of human health and should be lowered. We did not attempt to provide a recommendation for what a safe level would be. To allow anything resembling a margin of safety, various unofficial estimates of a suitable new standard range from 0-0.4 ppm, depending on several considerations, including how best to handle the question of carcinogenicity. The NRC committee did not, in any way shape or form, conclude that fluoridation is beneficial or safe.

We did look at several issues that pertain just to fluoridated water, primarily the concerns about silicofluoride usage. There is too much that is not known about the chemistry (water chemistry as well as biochemistry) of silicofluorides to say that they are safe for indiscriminate administration through the water supply.

For some endpoints [showing harm], many or most of the studies already involve fluoridated water [at 0.7 – 1 ppm] (osteosarcoma, Down syndrome, bone fracture).

Although promoters insist that dental fluorosis is not adverse or a health effect, the NRC reviewed at least 8 papers reporting an association between dental fluorosis and an increased risk of several adverse effects.”