



# Health

## Centre for Oral Health Strategy

Roger Bailey  
General Manager  
180 Mort Street  
LITHGOW NSW 2790

13 September 2012

Dear Mr Bailey,

### **Re: Farmer's Creek Water Supply - Fluoridation Plant**

I have been advised by the NSW Office of Water (NOW) that Lithgow City Council's Farmer's Creek Water Supply Fluoridation Plant was inspected on the 29<sup>th</sup> of August and it meets the requirements of the current NSW Code of Practice for the Fluoridation of Public Water Supplies and it is suitable to dose fluoride to the water supply.

I am therefore writing to advise Council to commence fluoridation of the Farmer's Creek Water Supply. The fluoridation plant should be operated in accordance with the NSW Code of Practice for the Fluoridation of Public Water Supplies.

In accordance with the Code of Practice, Council is also advised that *'A Water Supply Authority must not commence fluoridation of a water supply prior to the consumers within that supply area being given adequate warning of the commencement date.'*

Lithgow City Council is to be commended for the completion of the project. The adjustment of fluoride levels in water supplies to 1 part per million will provide the Lithgow community with proven benefits that have been available to the greater majority of NSW for over 50 years.

If you have any queries, the Department's contact on this issue is Shanti Sivanewaran on (02) 8821 4307.

Yours Sincerely

**Dr Josephine Kenny**  
Acting Chief Dental Officer

CC: Mr Bill Ho, Manager Water & Sewerage, NSW Office of Water  
Dr Paul Byleveld, Manager Water Unit, NSW Department of Health

# FLUORIDATION OF PUBLIC WATER SUPPLIES ACT 1957

## *INSTRUMENT OF APPROVAL*

*LITHGOW CITY COUNCIL* shall maintain fluoride in the *FARMER'S CREEK WATER SUPPLY* in accordance with the Fluoridation of Public Water Supplies Act 1957, the Fluoridation of Public Water Supplies Regulation 2002 and the Code of Practice for the Fluoridation of Public Water Supplies.

*LITHGOW CITY COUNCIL* shall maintain the content of fluoride in the *FARMER'S CREEK WATER SUPPLY* at the at a target concentration level of 1.0 mg/L with an overall accuracy of +/- 5% and within an operating range of not more than 1.5 mg/L and not less than 0.9 mg/L in accordance with the Code of Practice for the Fluoridation of Public Water Supplies Section 10.1

*LITHGOW CITY COUNCIL* is prohibited from adding to the *FARMER'S CREEK WATER SUPPLY* fluorine in any form other than *SODIUM FLUORIDE*. [Fluoridation of Public Water Supplies Act 1957. Section 6(5)(c)(ii)].

*LITHGOW CITY COUNCIL* shall obtain the approval of the NSW Office of Water for the fluoridation plant plans and specifications prior to calling for tenders. [Fluoridation of Public Water Supplies Act 1957. Section 6(5)(c)(iii)].

*LITHGOW CITY COUNCIL* shall not use the *FARMER'S CREEK WATER TREATMENT PLANT* to add fluorine to *FARMER'S CREEK WATER SUPPLY* until after:-

- (i) officers of the NSW Office of Water have inspected the fluoridation plant and carried out operational testing of the plant; and
- (ii) the NSW Office of Water has recommended to NSW Ministry of Health that, approval be given for the operation of the *FARMER'S CREEK WATER TREATMENT PLANT* and
- (iii) NSW Ministry of Health has approved use of the fluoridation plant by *LITHGOW CITY COUNCIL*. [Fluoridation of Public Water Supplies Act 1957. Section 6(5)(c)(iii)].

The design instantaneous water flow rate at the fluoride dosing point of the *FARMER'S CREEK WATER TREATMENT PLANT* shall be between 120 L/s and 142 L/s.

*LITHGOW CITY COUNCIL* shall not permanently cease fluoridation at the *FARMER'S CREEK WATER TREATMENT PLANT* without the express permission of NSW Ministry of Health in accordance with Code of Practice Sect 4.3.1.1



Dr Josephine Kenny  
A/Chief Dental Officer  
11/09/2012