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Onslow Water & Sewer Authority

Office of the
 Water Production Superintendent

Seth A. Brown
 910-937-7520

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Elevated Fluoride Levels Detected In One Water Source

(Exceedance of the Secondary Maximum Contaminant Level)

THIS IS NOT AN IMMEDIATE HEALTH RISK

This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/l) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water from one of ONWASA's sources located on Ramsey Road has a fluoride content of 3.50 mg/l.

Testing conducted in November 2015 from the source (not from the distribution system) indicated a fluoride level of 3.50 mg/l which is above the secondary maximum contaminant level of 2.00 mg/l. Secondary drinking water standards are guidelines regulating constituents in your water that when exceeded, require Public Notification for cosmetic affects. This source is also not a primary source of water and is blended with water having much lower fluoride levels of 0.70 mg/l.

Actual Fluoride levels in the distribution system where the customer obtains their water are consistently lower.

Dental fluorosis, in its moderate or severe forms, may result in a brown stain and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. Some home water treatment units are available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-8-NSF-HELP. (1-877-867-3435)

You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.

Drinking water containing more than 4 mg/l of fluoride (the U.S. EPA's drinking water standard) can increase your risk of developing bone disease. Your drinking water does not contain more than 4 mg/l of fluoride but ONWASA is required to inform you when the fluoride levels from your source water supply exceed 2 mg/l because of this cosmetic dental problem.

For further information, please contact Seth Brown of Onslow Water and Sewer Authority at 910-937-7520.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

For more information, please contact:

Responsible Person Seth A. Brown	System Name Onslow Water and Sewer Authority	System Address 228 Georgetown Rd.
Phone Number 910-937-7520	System PWSID # 04-67-035	System Address (City, State, Zip) Jacksonville, NC 28540

Violation Awareness Date: January, 26, 2016

Date Notice Distributed:

Method of Distribution: Direct Mailing

Public Notification Certification:

The public water system named above hereby affirms that public notification has been provided to its consumers in accordance with all delivery, content, format, and deadline requirements specified in 15A NCAC 18C .1523.

Owner/Operator: _____
 (Signature)

Seth Brown
 (Print Name)

3/15/16
 (Date)

Fluoride is a naturally occurring inorganic found in our ground water supply.

