

**MISSION SCHOOL WATER SYSTEM , I.D. No. 270-2317**

**SUBJECT: Nitrate Maximum Contaminant Level Violation                      DATE: 10/9/2017**

Chemical analyses indicate that the Nitrate content in the water supplied to you exceeds the maximum permissible levels set by the State and Federal Drinking Water Regulations.

Water containing nitrates in excess of 45 mg/l presents a risk to the health of humans when continually used for drinking or culinary purposes. Pregnant woman and children under the age of 6 months run the greatest risk of experiencing possible health problems, i.e. "Blue Baby Syndrome". The presence of nitrates in the blood reduces its oxygen-carrying capacity. Accordingly, you are advised not to use water from this system in the preparation of food, juices or baby formulas. Be advised that boiling the water will not eliminate the problem but rather increases the concentration of nitrate.

Pregnant women are also at risk of developing the symptoms of methemoglobinemia due to the presence of nitrate in their drinking water. During pregnancy, it is common for methemoglobin levels to increase from the normal range (0.5 to 2.5% of the total hemoglobin) to a maximum of 10% in the 30<sup>th</sup> week of pregnancy, and then decline to normal levels after delivery. Therefore, pregnant women are particularly susceptible to methemoglobinemia and should be sure that their drinking water does not exceed safe levels for nitrate. There is, however, no clear evidence that nitrate can be transmitted to the fetus from the pregnant woman.

ALTHOUGH A HEALTH HAZARD HAS BEEN CONFIRMED ONLY FOR INFANTS YOUNGER THAN 6 MONTHS AND FOR PREGNANT WOMEN, WE ARE REQUIRING THE USE OF BOTTLED WATER OR WATER FROM AN APPROVED SOURCE FOR DRINKING OR COOKING PURPOSES FOR ALL PERSONS ON THE SYSTEM. CARE SHOULD BE TAKEN IN HANDLING AND TRANSPORTING WATER TO PREVENT BACTERIOLOGICAL CONTAMINATION.

ACTION BEING TAKEN TO CORRECT VIOLATION:  
Quarterly monitoring per Monterey County Health Department.

FOR FURTHER INFORMATION, CONTACT:                     Karen Vaughan                    

*NAME CONTACT PERSON*

Mission School WS                    ,                      831.678.3524 ext. 100 .  
*WATER SYSTEM NAME                      PHONE #*

SCHOOLS, OWNER OR OPERATOR OF RESIDENTIAL RENTAL PROPERTY, OR OWNER OR OPERATOR OF BUSINESS PROPERTY: Section 116450 of the California Health and Safety Code requires the following notification: schools or school systems shall notify school employees, students, and parents if students are minors; owner or operator of residential rental property shall notify tenants; and owner or operator of business property shall notify employees. This notice shall be given within 10 days upon receipt of this notification.  
Additionally, if a property owner sells property served by this water system, the seller is responsible for ensuring the buyers are informed of the current water quality and precautions to be taken

THIS NOTICE IS TO REMAIN IN EFFECT UNTIL PROBLEM IS RESOLVED AND HEALTH DEPARTMENT GIVES CLEARANCE