

RECEIVED JAN 27 2017

PUBLIC NOTICE
(Pinal County)
"NITRATE"

DATE: 1/12/17

NAME: San Tan Mountain Regional Park
PWS ID # 04-11-142

Classification: TNC
Location/County: Pinal

This notice is to inform users of San Tan Mountain Regional Park that the well water source serving this water system has violated the Nitrate maximum contaminant level (MCL) of 10 (mg/L) with Nitrate levels of Sample date: January 09 2017, 11 mg/L, and January 24 2017, 10 mg/L (confirmation sample).

UNTIL FURTHER NOTICE: DO NOT BOIL THE WATER IF IT IS TO BE USED FOR DRINKING DUE TO THE ELEVATED LEVELS OF NITRATE OR; USE AN ALTERNATE SOURCE (i.e. BOTTLED WATER).
(NOTE: Boiling water will tend to concentrate the level of any given contaminants)

NITRATE: *Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.*

The United States Environmental Protection Agency (EPA) sets drinking water standards and has determined that Nitrate poses an acute health concern at certain levels of exposure. Nitrate is used in fertilizer and is found in sewage and wastes from human and/or farm animals and generally gets into drinking water from those activities. Excessive levels of nitrate in drinking water may cause serious illness and sometimes death in infants less than six months of age. The serious illness in infants is caused because nitrate is converted to nitrite in the body. Nitrate interferes with the oxygen carrying capacity of the child's blood. This is an acute disease in that symptoms can develop rapidly in infants. In most cases, health deteriorates over a period of days. Symptoms include shortness of breath and blueness of the skin. Clearly, expert medical advice should be sought immediately if these symptoms occur. The purpose of this notice is to encourage parents and other responsible parties to provide infants with an alternate source of drinking water. EPA has set the drinking water standard for nitrate at 10 parts per million (PPM) OR Milligrams per liter (mg/l) to protect against the risk of these adverse effects. EPA has also set a drinking water standard for nitrite at 1 PPM. To allow for the fact that the toxicity of nitrate and nitrite are additive, EPA has also established a standard for the sum of nitrate and nitrite at 10 ppm. Drinking water that meets the EPA standard is associated with little to none of this risk and is considered safe with respect to Nitrate.

Pregnant women and infants under one year of age should not drink and or otherwise consume this water.

Este anuncio contiene informacion importante a lo que concierne su agua potable de calidad y salud. Porfavor hable con alguien que entienda este anuncio o llame a la compania de agua al (623) 465-7810 x107 para asistencia.


If you would like further information regarding this matter, please contact:

Ken Vonderscher
Planning & Development Mgr.
Maricopa County Parks & Rec. Dept
41835 N Castle Hot Springs Rd.
Morristown AZ, 85342
602-506-2930

Mr. Joseph V. Fiano, Certified Operator
WATER TREATMENT OPERATORS
14615 N Fountain Hills Blvd.
Fountain Hills, AZ 85268
(480) 837-6438 Office

OR

I certify that the above information is true and accurate to the best of my knowledge:

 Name	 Signature	Certified Operator Title	1-12-17 Date
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