

What is an exceedance ?

An exceedance is when the monitoring level(s) are above Federal Drinking Water Quality Standards for that contaminate. When a water system has an exceedance the system will issue a public notice (PN) explaining what the health risks are and how to reduce these risks.

(See page 3 of this PDF to view PN)

Following is list of Corrective Action statuses to help explain what ADEQ and/or water system are doing to resolve the issue.

Corrective Action Status	Description
ADEQ Providing Compliance/Technical Assistance	ADEQ is assisting facility with the legal and/or technical requirements in order to be in compliance with state and federal regulations.
ADEQ/Facility Collecting Additional Samples	ADEQ or Facility are collecting additional samples to determine if the exceedance is a recurring event or a single event.
Facility Notified of Potential Deficiencies	ADEQ has informed facility that they have an exceedance of a permit limit or surface water standard (i.e. myDEQ Report and/or Phone call/email)
Facility Notified of Alleged Violations	Facility has received a Notice of Violation or Notice of Opportunity to Correct Deficiencies from ADEQ or delegated authority for exceeding a permit limit or surface water standard.
ADEQ/Facility Agree Upon Path Forward	ADEQ and Facility have entered into a formal agreement which puts them on a path to return to compliance (i.e. Consent Order or Consent Judgment)
Facility Improvement in Process	A structural, treatment, and/or operational improvement is currently being implemented at facility.
Compliance/Technical Assistance Was Unsuccessful	Elevating the issue to ADEQ Leadership and the Water System, to seek additional Compliance/Technical Assistance with the goal help the water system return-to-compliance with state and federal regulations.



Drinking Water | Federal Water Standards Exceedance Report

Data Pull Date: 3/7/19

Facility: Oak Creek Water Co 1

County	PWS #	Name	Contaminant	Source	Status
YAVAPAI	AZ0413041	OAK CREEK WATER CO 1	ARSENIC	Exceeds Rule Limit	ADEQ Providing Compliance/Technical Assistance

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER
Oak Creek Water Co. No 1, PWS # 13041
Has Levels of Arsenic Above Drinking Water Standards

Oak Creek Water recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we did (are doing) to correct this situation.

We routinely monitor of the presence of drinking water contaminants. Testing results we received for the FOURTH quarter of 2018, (October and November) show that our system exceeds the standard, or maximum contaminant level (MCL), for arsenic. The standard for arsenic is 10 parts per billion (ppb). The average level of arsenic for this quarter has been about 11 parts per billion.

What should I do?

You do not need to use an alternative (e.g. bottled) water supply. However, if you have specific health concerns, consult your doctor.

What does this mean?

This is not an immediate risk. If it had been you would have been notified immediately. Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with circulatory system, and many have an increased risk of getting cancer.

What is being done?

We have created a preliminary layout for new arsenic treatment facilities at both well sites. We are working closing with ADEQ and USDA to obtain a low interest loan and partial grant. We anticipate obtaining funding and starting construction by Summer, 2019.

For more information, please contact Doug Bowen, Board of Directors President or Jim Reider, Water Operator at (928) 282-3404 or at 90 Oak Creek Blvd, Sedona, Az, 86336.

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.

This notice is being sent to you by Oak Creek Water No. 1
Public Water System ID#: AZ-04-13041 Date distributed: November 26, 2018.

Any ADEQ translation or communication in a language other than English is unofficial and not binding on the State of Arizona.

Cualquier traducción o comunicado de ADEQ en un idioma diferente al inglés no es oficial y no sujetará al Estado de Arizona a ninguna obligación jurídica"

Oak Creek Water Company No. 1

Serving West Sedona Quality Water Since 1953

Oak Creek Water Customers:

On the flipside is the quarterly violation notice for Arsenic as required by the Arizona Department of Environmental Quality.

UPDATE

At the annual meeting in August, we promised to be proactive and continue to take monthly samples for arsenic. If we continue to do so, our governmental regulating body, ADEQ is requiring us to send our customers notices every month. We can not afford this expense. We will continue to monitor quarterly (the first month of every quarter) and notify you along with a project update. Sorry about the inconvenience. There is no technical update, other than we are aggressively obtaining all the documents needed to get the USDA loan/grant.

On a side note, our application for the meter replacement program scored near the top and we received a preliminary approval letter for the \$75,000 grant we submitted!

Update since August's Annual Board Meeting (Reprint from November 2, 2018)

A local engineering firm was hired. Estimated project cost now \$650,000

A site plan and a more localized accurate cost estimate was obtained.

Project Funding Meetings with various agencies have been made.

Arsenic Treatment Seminar with a vendor Expo was attended.

Appears we qualify for a USDA low interest loan and grant

Estimated Funding: Spring, 2019. Estimated construction: Summer, 2019

Arsenic Limit Violation (Reprint from July, 2018)

In 2006 the EPA reduced the maximum concentration level of Arsenic from 50 micrograms per liter to 10 micrograms per liter. This is equivalent to 10 parts per billion or 1 second in 3.2 years. Our surrounding neighborhood water systems have been required to treat for Arsenic and our numbers have been hovering over the current EPA limit at 11 micrograms per liter. The Arizona Department of Environmental Quality (ADEQ) is requiring us to continue the quarterly monitoring along with looking into treatment options. Both are being done. There has been no compliance schedule created by (ADEQ) for treatment removal at this time but Oak Creek Water is being proactive in assuming there will be. Is this an immediate risk? No. The required ADEQ public notice form attached explains it. To put it into perspective: If you take a gallon jug of Oak Creek Water, add 12 ounces (2/3) of bottled water and mix it, you would be under the 10 parts per billion.