

# **Avi Casino Annual Water Quality Report**

**Public Water System #090400302**

**2021**

This report is a snapshot of your water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

## **Do I need to take special precautions?**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The Environmental Protection Agency (EPA) and Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

## **Where does my water come from?**

Your water comes from 3 ground water sources.

## **Why are there contaminants in my drinking water?**

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity including:

microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

## WATER QUALITY TABLE

The table below lists all of the drinking water contaminants detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires monitoring for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

| Contaminants | MRDLG | MRDL | Your Water | Range<br>Low High | Sample Date | MRDL Exceeded | Typical Source |
|--------------|-------|------|------------|-------------------|-------------|---------------|----------------|
|--------------|-------|------|------------|-------------------|-------------|---------------|----------------|

### Disinfectants

|                                           |   |   |        |          |      |    |                                               |
|-------------------------------------------|---|---|--------|----------|------|----|-----------------------------------------------|
| Chlorine<br>Units: Chlorine residual, ppm | 4 | 4 | 0.3131 | 0.3 0.33 | 2021 | No | Drinking water additive used for disinfection |
|-------------------------------------------|---|---|--------|----------|------|----|-----------------------------------------------|

| Contaminants | MCLG | MCL | Your Water | Range<br>Low High | Sample Date | Violation | Typical Source |
|--------------|------|-----|------------|-------------------|-------------|-----------|----------------|
|--------------|------|-----|------------|-------------------|-------------|-----------|----------------|

### Inorganic Contaminants

|                      |     |     |     |         |      |    |                                                   |
|----------------------|-----|-----|-----|---------|------|----|---------------------------------------------------|
| Sodium<br>Units: ppm | N/A | N/A | 140 | N/A N/A | 2021 | No | Erosion of natural deposits; salt water intrusion |
|----------------------|-----|-----|-----|---------|------|----|---------------------------------------------------|

| Contaminants | MCLG | Action Level | Your Water | Range | Sample Date | A.L. Exceeded | Typical Source |
|--------------|------|--------------|------------|-------|-------------|---------------|----------------|
|--------------|------|--------------|------------|-------|-------------|---------------|----------------|

### Lead and Copper Rule

|                                        |     |     |      |                           |      |    |                                                                                                                      |
|----------------------------------------|-----|-----|------|---------------------------|------|----|----------------------------------------------------------------------------------------------------------------------|
| Copper<br>Units: ppm - 90th Percentile | 1.3 | 1.3 | 0.21 | 1 sites over Action Level | 2021 | No | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives               |
| Lead<br>Units: ppb - 90th Percentile   | 0   | 15  | 0.5  | 0 sites over Action Level | 2021 | No | Corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits |

| Contaminants | MCLG | MCL | Your Water | Range<br>Low High |  | Sample Date | Violation | Typical Source |
|--------------|------|-----|------------|-------------------|--|-------------|-----------|----------------|
|--------------|------|-----|------------|-------------------|--|-------------|-----------|----------------|

#### Water Quality Parameters

|                                         |     |     |      |     |     |      |    |                                               |
|-----------------------------------------|-----|-----|------|-----|-----|------|----|-----------------------------------------------|
| Alkalinity<br>Units: ppm                | N/A | N/A | 220  | 200 | 220 | 2021 | No | Dependent upon natural mineral content and pH |
| Calcium<br>Units: ppm                   | N/A | N/A | 200  | 110 | 200 | 2021 | No | Erosion of Natural Deposits                   |
| pH<br>Units: pH                         | N/A | N/A | 7.6  | 7.2 | 7.6 | 2021 | No | Dependent upon natural mineral content and pH |
| Specific Conductivity<br>Units: umho/cm | N/A | N/A | 1400 | N/A | N/A | 2021 | No | Dependent upon natural mineral content and pH |

#### Special Education Statements

##### Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. PWS system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 1-800-426-4791 or at <http://www.epa.gov/your-drinking-water/basic-information-about-lead-drinking-water>.

## Micr obiological Testing

We are required to test your water regularly for signs of microbial contamination. Positive test results could lead to follow-up investigations called assessments and potentially the issuance of public health advisories. Assessments could lead to required corrective actions. The information below summarizes the results of those tests.

| Calendar Year | Sampling Requirements | Sampling Conducted<br>(months) | Total E.Coli<br>Positive | Assessment<br>Triggers | Assessments<br>Conducted |
|---------------|-----------------------|--------------------------------|--------------------------|------------------------|--------------------------|
| 2021          | 3 Samples due monthly | 12 out of 12                   | 0                        | 0                      | 0                        |

## Public Notice for Monitoring/Reporting and Other Violations

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the period covered by this report, we did not complete all monitoring or testing for the contaminants listed below, and therefore cannot be sure of the quality of your drinking water during that time. Violations which have not been returned to compliance will be repeated annually. The table below lists the contaminants we did not properly test for or other violations during the report period.

| Contaminant Name               | Type of Violation                                                                   | Begin/End Date        | Steps Taken to<br>Correct the Violation   | Return to<br>Compliance | Return Action<br>Date Comment                        |
|--------------------------------|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Nitrate [reported as Nitrogen] | Major monitoring/reporting violation for routine chemical monitoring.               | 1/1/2021 - 12/31/2021 | Reporting monitoring results as required. | Yes                     | 4/21/2022 Subsequent reporting of required results.  |
| Lead and Copper Rule           | Failure to submit Initial Water Quality parameter results for Lead and Copper Rule. | 1/1/2021 - 6/30/2021  | Reporting monitoring results as required. | Yes                     | 12/22/2021 Subsequent reporting of required results. |

What should I do, as a consumer?

There is nothing you need to do at this time.

What is being done by the utility?

We will work with our regulatory official to conduct all required contaminant monitoring as directed.



## Definitions

| Term                     | Definition                                                                                                                                                                                     |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ppm                      | parts per million, or milligrams per liter (mg/L)                                                                                                                                              |
| positive samples         | the number of positive samples taken that year                                                                                                                                                 |
| % positive samples/month | % of samples taken monthly that were positive                                                                                                                                                  |
| ND                       | Not detected                                                                                                                                                                                   |
| N/A                      | Not applicable                                                                                                                                                                                 |
| MCLG                     | Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.                     |
| MCL                      | Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. |
| MRDL                     | Maximum Residual Disinfectant Level                                                                                                                                                            |
| MRDLG                    | Maximum Residual Disinfectant Level Goal                                                                                                                                                       |
| TT                       | Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.                                                                                       |
| AL                       | Action Level: The concentration of a contaminant which, if exceeded, trigger treatment or other requirements which a water system must follow.                                                 |
| 90th Percentile          | Statistical value used to determine if Action Level is exceeded. Determined by calculating the value at which 90% of the samples tested were below that value.                                 |

### How can I get involved?

Please feel free to contact the number provided below for more information or for a translated copy of the report if you need it in another language.

\*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:

Timothy Kellett, General Manager, 8780 Highway 95 PO Box 6870, Mohave Valley, Arizona 86446

Phone:

Fax: