

CONSUMER CONFIDENCE REPORT 2022
Report Covers Calendar Year: January 1 – December 31, 2021

Este informe contiene información muy importante sobre el agua usted bebe. Tradúzcalo ó hable con alguien que lo entienda bien.

I. Public Water System (PWS) Information

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|------------------|------------------------------------|---------------------|----------------------------------|--|--|
| PWS Name: | River Road Mobile Home Park | | | | |
| PWS ID # | 17631J | | | | |
| Operator | Carl Behrent | 509-429-1452 | carlbehrent@icloud.com | | |
| Office | Sun Lakes Realty, | 509-476-2121 | sunlakes@communitynet.org | | |
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II. Drinking Water Sources

The sources of drinking water (both tap 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 pickup substances resulting from the presence of animals or from human activity.

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| Our water source(s): | Permanent well, 80 ft deep, 30 gpm 06/20/2013 |
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III. Drinking Water Contaminants

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 that 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 byproducts of industrial processes and petroleum production, and also may come from gas stations, urban stormwater runoff, and septic systems.
Radioactive contaminants, that can be naturally occurring or be the result of oil and gas production and mining activities.

IV. Vulnerable Population

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. 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 of infections. These people should seek advice about drinking water from their health care providers. For more information about contaminants and potential health effects, or to receive a copy of the U.S. Environmental Protection Agency (EPA) and the U.S. Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and microbiological contaminants call the EPA *Safe Drinking Water Hotline* at 1-800-426-4791.

V. Definitions

AL = Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements.
MCL = Maximum Contaminant Level - The "Maximum Allowed" is the highest level of a contaminant that is allowed in drinking water.
MCLG = Maximum Contaminant Level Goal - The "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to health.
MFL = Million fibers per liter.
MRDL = Maximum Residual Disinfectant Level.
MRDLG = Maximum Residual Disinfectant Level Goal.
MREM = Millirems per year - a measure of radiation absorbed by the body.
NA = Not Applicable, sampling was not completed by regulation or was not required.
NTU = Nephelometric Turbidity Units, a measure of water clarity.
PCi/L = Picouries per liter - picocuries per liter is a measure of the radioactivity in water.
PPM = Parts per million or Milligrams per liter
PPB = Parts per billion or Micrograms per liter
PPT = Parts per trillion or Nanograms per liter.
PPQ = Parts per quadrillion or Picograms per liter.
TT = Treatment Technique - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

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| ppm x 1000 = ppb | (mg/L). |
| ppb x 1000 = ppt | (µg/L). |
| ppt x 1000 = ppq | liter. |

VI. Health Effects Language

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods-of-time because of rainfall or agricultural activity. If you are caring for an infant, and detected nitrate levels are above 5 ppm, you should ask advice from your health care provider.

If **arsenic** is less than or equal to the MCL, your drinking water meets EPA's standards. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Infants and young children are typically more vulnerable to **lead** in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested. Flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the EPA *Safe Drinking Water Hotline* at 1-800-426-4791.

VII. Water Quality Data Samples are left on list until next test taken required is taken
Water testing Schedule

1. **Pesticides 11/27/2018**.....None Detected. Taken every 9 years
2. **Volatile Organic Chemicals 10/27/2015**None Detected. Taken every 6 years
3. **Inorganic Contaminants 10/25/2016** Below state guidelines. Taken every 9 years
4. **Herbicides 10/27/20**..... None Detected Taken every 9 years
5. **Lead, Copper 11/22/21**.....Below state guidelines Taken every 3 years 5 Samples
6. **Arsenic 08/07/2019**Below state guidelines Taken every 3 years

Radioactive Contaminants

| Radionuclides | Violation Y or N | Results of Test pCi/L | MCL pCi/L | MCLG | Sample Month & Year | Likely Source of Contamination |
|---------------------|------------------|-----------------------|-----------|------|---------------------|--------------------------------|
| Gross Alpha (pCi/L) | N | None | 15.0 | 0 | 12/27/17 | Erosion of natural deposits |
| Radium 228 | N | 0.467 | 5. | 0 | 12/27/17 | Erosion of natural Deposits. |

Coliform Testing:

For the testing period of 2021 no test showed positive for coliform

| Inorganic Chemicals (IOC) | Violation Y or N | Result Quantity | MCL | MCLG | Sample Month & Year | Likely Source of Contamination |
|---------------------------|------------------|-----------------|--------|--------|---------------------|---|
| Antimony (ppb) | N | 0.01 | 6 | 6 | 10/25/16 | Discharge from petroleum refineries; fire retardants; ceramics, electronics and solder |
| Arsenic (ppm) | N | 0.0031 | 0.0010 | 0.0010 | 08/07/2019 | Erosion of natural deposits, runoff from orchards, runoff from glass and electronics production wastes |
| Barium (ppm) | N | 0.0954 | 2 | 2 | | Discharge of drilling wastes; discharge from metal refineries; Erosion of natural deposits |
| Beryllium (ppb) | N | 0.01 | 4 | 4 | | Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries |
| Chromium (ppb) | N | 0.001 | 100 | 100 | | Discharge from steel and pulp mills; Erosion of natural deposits |
| Cyanide (ppb) | N | 0.0100 | 200 | 200 | | Discharge from steel/metal factories; Discharge from plastic and fertilizer factories |
| Fluoride (ppm) | N | 0.48 | 4 | 4 | | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| Mercury (ppb) | N | 0.02 | 2 | 2 | | Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills and cropland. |
| Nitrate (ppm) | N | 0.07 | 10 | 10 | 5/24/2021 | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |
| Nitrite (ppm) | N | 0.07 | 10 | 1 | 05/24/2021 | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |
| Selenium (ppb) | N | 0.005 | 50 | 50 | | Discharge from petroleum and metal refineries; erosion of natural deposits; |

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| | | | | | | discharge from mines |
| Thallium (ppb) | N | 0.01 | 2 | 0.5 | | Leaching from ore-processing site |
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| Lead and Copper | Violation | Results | Action level | | | |
| Copper (ppm) | N | .00080-.00489 | AL = 1.3 | | 07/16/2021 | Corrosion of household plumbing systems; erosion of natural deposits |
| Lead (ppb) | N | .0001-000190 | AL = 15 | | 07/16/2021 | Corrosion of household plumbing systems; erosion of natural deposits |
| Iron (ppm) | N | 0.3820 | 0.3000 | | 08/07/2019 | |
| Manganese | N | 0.1878 | 0.0500 | | 08/07/2019 | |

| Volatile Organic Chemicals (VOC) | Violation Y or N | Running Annual Average (RAA) OR Highest Level Detected | Range of All Samples (L-H) | MCL | MCLG | Sample Month & Year | Likely Source of Contamination |
|----------------------------------|------------------|--|----------------------------|-----|------|---------------------|--------------------------------|
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No V.O.C Detected in 2021 Next testing. 2027

Full water test information for past years.

State Web site

<https://fortress.wa.gov/doh/eh/portal/odw/si/intro.aspx>

Sentry internet – access Washington <>

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