WHAT IS ARSENIC?
Arsenic is a highly toxic metalloid found in the Earth’s crust. Concentrations can be increased in volcanic areas such as NV or due to human activities like mining and agriculture.

OVER TIME, ARSENIC INGESTED AT MINIMAL LEVELS ACCUMULATES TO HIGH LEVELS VIA BIOACCUMULATION.

ARSENIC TYPES
There are over a dozen different forms of arsenic.

YOU CAN’T SEE, TASTE OR SMELL ARSENIC

Organic arsenic is found in many food items like rice, apples, and wine. Organic arsenic isn’t nearly as dangerous, and has not been linked to the same health issues as inorganic arsenic. Inorganic arsenic is found in groundwater, and is known to have much more severe health effects. The inorganic arsenic in groundwater is most commonly found in 2 forms: trivalent or As(III) and pentavalent or As(V). As(III) is much harder to remove, so we typically convert it to As(V) first by oxidizing it.

ARSENIC LEVELS WE ROUTINELY SEE

<table>
<thead>
<tr>
<th>ST</th>
<th>Avg</th>
<th>Odds of Getting Cancer*</th>
</tr>
</thead>
<tbody>
<tr>
<td>NV</td>
<td>56.47</td>
<td>1 in 1,000</td>
</tr>
<tr>
<td>MT</td>
<td>25.30</td>
<td>1 in 500 EPA LIMIT</td>
</tr>
<tr>
<td>ND</td>
<td>20.29</td>
<td>1 in 250</td>
</tr>
<tr>
<td>OR</td>
<td>14.49</td>
<td>1 in 125</td>
</tr>
<tr>
<td>AZ</td>
<td>13.39</td>
<td>1 in 100</td>
</tr>
<tr>
<td>UT</td>
<td>13.12</td>
<td>-</td>
</tr>
<tr>
<td>MA</td>
<td>12.97</td>
<td>-</td>
</tr>
<tr>
<td>CA</td>
<td>11.49</td>
<td>-</td>
</tr>
<tr>
<td>AK</td>
<td>11.40</td>
<td>-</td>
</tr>
</tbody>
</table>

*National Academy of Sciences, 2001

Steps to Effectively Remove Arsenic:
1. Obtain a water test from a certified laboratory.
2. Determine what type of arsenic you have & what other contaminants may be present in your water, as they may interfere with the arsenic removal process and should be removed first.
3. Determine your water demands, water pressure and flow rates to properly size a system to fit your needs.
4. Find a suitable location in your home to install the equipment.
5. Install the appropriate system for your household.
6. Test water every 3-12 months to ensure system is working properly.

Depending on your unique water chemistry & demands, we can effectively design a treatment system to suit your needs.
**Featured Systems**

**AdvantEdge Arsenic Removal Cartridge**

Perfect for polishing the water after a reverse osmosis system, this cartridge removes 99% of As(III) and As(V) for healthy drinking water on the highest arsenic applications.

**UltROwater by Evolve**

NSF Certified to remove 97% of As(V). The slim profile of the unit allows you to enjoy all of the benefits without giving up your cabinet space.

*Backed by a 10 YEAR warranty!*

**FerrIX Media**

This whole house media traps and retains up to 99% of As(III) and As(V) without dumping. A no salt, no backwash, no electricity solution that is great for low level applications and as a polishing tank after our A400 system.

**AdvantEdge Whole House Systems**

Utilizing the same technology as our Ad Edge cartridge, this whole house filtration tank removes 99% of As(III) and As(V) for maximum arsenic reduction to every tap in the home.

**A400E Regenerable Arsenic System**

This unit removes 95% of As(V) and cleans itself with salt. It is our workhorse in high arsenic wells that removes a bulk of the arsenic without costing the homeowners a fortune in replacement media.

**Whole-home Custom Reverse Osmosis Systems**

For the toughest of water problems, we offer whole house reverse osmosis systems. By using low energy membranes, concentrate recirc, and an advanced controller, we are able to achieve higher efficiencies and lower electricity use than other systems on the market. Our technicians have also completed the David H Paul Co.’s Advanced Commercial RO Training.

*When it comes to whole home reverse osmosis, we are by far your best option!*