Together, we’re securing water for today and tomorrow...

Issued April 2019

Mojave Water Agency
2018 Consumer Confidence Report

We are pleased to provide you with our annual Consumer Confidence Report. It provides the results of our extensive water quality tests conducted in 2018, however, some results represent the most recent sampling which could be from previous years as indicated. We encourage you to review this report which provides a description of where your water comes from and detailed information about your water quality.

Tom McCarthy, General Manager
More than 50 years ago, the voters in the Mojave Desert region approved the creation of an organization, the Mojave Water Agency (MWA), that would participate in the State Water Project (SWP) to bring water from northern California to the desert.

In 2013, MWA completed the first phase of the Regional Recharge and Recovery Project (R³) which pumps imported and stored SWP water using groundwater wells from our local aquifers along the Mojave River in Hesperia and Apple Valley. As a water wholesaler, MWA is able to provide this water to local purveyors, such as the Victorville Water District, Hesperia Water District, and Liberty Utilities.

We are proud to announce that water provided by the Mojave Water Agency met all United States Environmental Protection Agency (U.S. EPA) and California’s Drinking Water standards. Through MWA’s trained and certified water professionals, customers have the security of knowing their drinking water has proper monitoring and oversight. We are committed to providing our customers with high quality and reliable drinking water.

From the Board of Directors

Our commitment to you...

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MWA Board meetings are held on the 2nd and 4th Thursday of the month at 9:30 a.m.
MWA is located at:
13846 Conference Center Drive in Apple Valley, CA.

For information on agenda items, visit our website at www.mojavewater.org
How we protect water quality for you and your family

Extensive Testing
Water quality technicians test the water weekly for bacteriological activity at five locations. We also perform bacteriological tests on each active well site monthly. The samples are tested by an independent state certified lab.

Disinfect for Safety
A small amount of chlorine is added at a centralized location on a continual basis to ensure the water remains free of any bacteria.

Flush to Keep the System Clean
Staff periodicallyflushes water out of blow-offs, key flush points within the distribution system, at a high velocity to remove small amounts of natural sand and minerals that can slowly build up in pipelines. This happens because our water comes from deep groundwater wells.

The State Water Project and MWA...

The Mojave Water Agency (MWA) serves the arid Mojave Desert region with a population of approximately 450,000. Receiving an average annual rainfall of five inches, the Victor Valley region depends on groundwater from the Mojave River as its primary water source. The Mojave River is fed by rainfall and snowpack from the San Bernardino Mountains. Surface flows along the Mojave River can be seen in the Upper Narrows area between Victorville and Apple Valley, however, it primarily functions as an underground river. As one of 29 State Water Contractors, MWA has access to the California State Water Project allowing the import of water from the State Water Project (SWP) to help recharge groundwater basins and support local water production.

The Morongo Basin/Johnson Valley area relies on small streams that collect runoff from the surrounding mountains during storms. This runoff percolates into stream beds or flows to dry lake beds where it evaporates. MWA augments this natural supply with water delivered from the SWP. This water is released into recharge areas, percolates, and is stored in our region’s aquifers recharging the local groundwater supply.

Water In The Environment

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.

Contaminants that may be present in source water include:

- 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, that 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, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- Radioactive contaminants, that 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, the U.S. Environmental Protection Agency (U.S. EPA) and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.
Results of our 2018 Drinking Water Quality Tests

This report includes results from several tests for various constituents. Mojave Water Agency routinely monitors for constituents in the Agency’s drinking water in accordance with Federal and State laws. **Substances that are not detected (ND) are not listed.** Values accompanied by < indicate a result less than the detection limit. The results below represent drinking water quality tests performed by Mojave Water Agency on the R3 wholesale water system and represents water produced from Wells 1, 2, 3, 4, & 5. These wells provide high quality drinking water through service connections to the cities of Victorville and Hesperia upon request. Contact your local water provider for detailed information on your water quality and where your water comes from.

### Inorganic Contaminants with Primary Drinking Water Standards

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Average</th>
<th>Sample Range</th>
<th>MCL</th>
<th>PHG (MCLG)</th>
<th>Sample Date</th>
<th>Violation</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluoride (mg/L) (Naturally Occurring)</td>
<td>0.31</td>
<td>0.26 - 0.37</td>
<td>2</td>
<td>1</td>
<td>2016</td>
<td>NO</td>
<td>Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories</td>
</tr>
<tr>
<td>Nitrate as N (NO3-N) (mg/L)</td>
<td>0.54</td>
<td>0.50 - 0.67</td>
<td>10</td>
<td>10</td>
<td>2018</td>
<td>NO</td>
<td>Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits</td>
</tr>
<tr>
<td>Nitrate + Nitrite (as N) (mg/L)</td>
<td>0.54</td>
<td>0.50 - 0.67</td>
<td>10</td>
<td>10</td>
<td>2018</td>
<td>NO</td>
<td>Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits</td>
</tr>
</tbody>
</table>

### Radioactive Contaminants

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Average</th>
<th>Sample Range</th>
<th>MCL</th>
<th>PHG (MCLG)</th>
<th>Sample Date</th>
<th>Violation</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross Alpha (pCi/L)</td>
<td>3.78</td>
<td>&lt;3 - 11</td>
<td>15</td>
<td>0</td>
<td>2016</td>
<td>NO</td>
<td>Erosion of natural deposits</td>
</tr>
</tbody>
</table>

### Disinfection Byproducts

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Sample Date</th>
<th>Average</th>
<th>Sample Range</th>
<th>MCL</th>
<th>PHG (MCLG)</th>
<th>Sample Date</th>
<th>Violation</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haloacetic Acids (HAA5) (ug/L)</td>
<td>2016</td>
<td>1.0</td>
<td>&lt;1.0 - 1.2</td>
<td>60</td>
<td>N/A</td>
<td>2018</td>
<td>NO</td>
<td>Byproduct of drinking water disinfection</td>
</tr>
<tr>
<td>Total Trihalomethanes (TTHM) (ug/L)</td>
<td>2018</td>
<td>5.13</td>
<td>&lt;1.0 - 15.8</td>
<td>80</td>
<td>N/A</td>
<td>2018</td>
<td>NO</td>
<td>Byproduct of drinking water disinfection</td>
</tr>
</tbody>
</table>

### Regulated Contaminants with Secondary Maximum Contaminant Levels

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Average</th>
<th>Sample Range</th>
<th>Secondary MCL</th>
<th>Sample Date</th>
<th>Violation</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloride (mg/L)</td>
<td>18</td>
<td>16 - 23</td>
<td>500</td>
<td>2016</td>
<td>NO</td>
<td>Runoff/leaching from natural deposits; seawater influence</td>
</tr>
<tr>
<td>Odor (units)</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>2016</td>
<td>NO</td>
<td>Naturally occurring organic materials</td>
</tr>
<tr>
<td>Manganese (ug/L)</td>
<td>&lt;20</td>
<td>&lt;20 - 29</td>
<td>50</td>
<td>2016</td>
<td>NO</td>
<td>Leaching from natural deposits</td>
</tr>
<tr>
<td>Specific Conductance (µS/cm)</td>
<td>238</td>
<td>220 - 260</td>
<td>1600</td>
<td>2016</td>
<td>NO</td>
<td>Substances that form ions when in water; seawater influence</td>
</tr>
<tr>
<td>Sulfate (mg/L)</td>
<td>13</td>
<td>12 - 16</td>
<td>500</td>
<td>2016</td>
<td>NO</td>
<td>Runoff/leaching from natural deposits; industrial wastes</td>
</tr>
<tr>
<td>Total Dissolved Solids (mg/L)</td>
<td>150</td>
<td>140 - 160</td>
<td>1000</td>
<td>2016</td>
<td>NO</td>
<td>Runoff/leaching from natural deposits</td>
</tr>
</tbody>
</table>

### Disinfectant Residuals

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Sample Date</th>
<th>Average</th>
<th>Range</th>
<th>MCL</th>
<th>PHG (MCLG)</th>
<th>Violation</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorine (mg/L)</td>
<td>2018 (weekly)</td>
<td>0.40</td>
<td>0.06 - 1.13</td>
<td>4</td>
<td>4</td>
<td>NO</td>
<td>Drinking water disinfectant added for treatment</td>
</tr>
</tbody>
</table>

### Unregulated Contaminants

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Average</th>
<th>Sample Range</th>
<th>NL</th>
<th>MCL</th>
<th>PHG (MCLG)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanadium (ug/L)</td>
<td>&lt;3.0</td>
<td>&lt;3.0 - 5.6</td>
<td>50</td>
<td>None</td>
<td>None</td>
<td>2016</td>
</tr>
<tr>
<td>Chromium 6 (ug/L)</td>
<td>&lt;1.0</td>
<td>&lt;1.0 - 1.1</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>0.02</td>
</tr>
</tbody>
</table>

### Constituents that may be of interest to consumers

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Average</th>
<th>Range</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicarbonate (mg/L)</td>
<td>86</td>
<td>84 - 90</td>
<td>2016</td>
</tr>
<tr>
<td>Calcium (mg/L)</td>
<td>25</td>
<td>24 - 27</td>
<td>2016</td>
</tr>
<tr>
<td>Magnesium (mg/L)</td>
<td>4</td>
<td>3.2 - 4.5</td>
<td>2016</td>
</tr>
<tr>
<td>pH</td>
<td>7.56</td>
<td>7.2 - 7.7</td>
<td>2016</td>
</tr>
<tr>
<td>Potassium (mg/L)</td>
<td>1.66</td>
<td>1.6 - 1.7</td>
<td>2016</td>
</tr>
<tr>
<td>Sodium (mg/L)</td>
<td>15</td>
<td>14 - 17</td>
<td>2016</td>
</tr>
<tr>
<td>Total Alkalinity (as CaCO3) (mg/L)</td>
<td>71</td>
<td>69 - 74</td>
<td>2016</td>
</tr>
<tr>
<td>Total Hardness (as CaCO3) (mg/L)</td>
<td>79</td>
<td>72 - 85</td>
<td>2016</td>
</tr>
<tr>
<td>Aggressive Index</td>
<td>11.20</td>
<td>10.84 - 11.40</td>
<td>2016</td>
</tr>
</tbody>
</table>

*No PHG or MCL's available*
Results of our 2018 Drinking Water Quality Tests

This report includes results from several tests for various constituents. Mojave Water Agency routinely monitors for constituents in the Agency’s drinking water in accordance with Federal and State laws. Substances that are not detected (ND) are not listed. Values accompanied by < indicate a result less than the detection limit. The results below represent drinking water quality tests performed by Mojave Water Agency on the R³ wholesale water system and represents water produced from Well 6. This well provides high quality drinking water through a service connection to Liberty Utilities upon request. Contact your local water provider for detailed information on your water quality and where your water comes from.

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<th>Sample Date</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Fluoride (mg/L) (Naturally Occurring)</td>
<td>0.37</td>
<td>0.37</td>
<td>2</td>
<td>1</td>
<td>2016</td>
<td>NO</td>
<td>Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories</td>
</tr>
<tr>
<td>Nitrate as N (NO3-N) (mg/L)</td>
<td>0.50</td>
<td>0.50</td>
<td>10</td>
<td>10</td>
<td>2017</td>
<td>NO</td>
<td>Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits</td>
</tr>
<tr>
<td>Nitrate + Nitrite (as N) (mg/L)</td>
<td>0.50</td>
<td>0.50</td>
<td>10</td>
<td>10</td>
<td>2017</td>
<td>NO</td>
<td>Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits</td>
</tr>
</tbody>
</table>

Note: Well 6 has been undergoing equipment upgrades since March 2018 and therefore has not been in production. The nitrate and nitrite results for Well 6 are the most representative results for water produced by the well.

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<table>
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<tr>
<th>Contaminant</th>
<th>Average</th>
<th>Sample Range</th>
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<th>Sample Date</th>
<th>Violation</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloride (mg/L)</td>
<td>16</td>
<td>16</td>
<td>500</td>
<td>2016</td>
<td>NO</td>
<td>Runoff/leaching from natural deposits; seawater influence</td>
</tr>
<tr>
<td>Odor (units)</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>2016</td>
<td>NO</td>
<td>Naturally occurring organic materials</td>
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<tr>
<td>Specific Conductance (µS/cm)</td>
<td>230</td>
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<td>1600</td>
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<tr>
<td>Sulfate (mg/L)</td>
<td>14</td>
<td>14</td>
<td>500</td>
<td>2016</td>
<td>NO</td>
<td>Runoff/leaching from natural deposits; industrial wastes</td>
</tr>
<tr>
<td>Total Dissolved Solids (mg/L)</td>
<td>150</td>
<td>150</td>
<td>1000</td>
<td>2016</td>
<td>NO</td>
<td>Runoff/leaching from natural deposits</td>
</tr>
<tr>
<td>Turbidity (NTU)</td>
<td>0.2</td>
<td>0.2</td>
<td>5</td>
<td>2016</td>
<td>NO</td>
<td>Soil runoff</td>
</tr>
</tbody>
</table>

### Unregulated Contaminants

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Average</th>
<th>Sample Range</th>
<th>NL</th>
<th>MCL</th>
<th>PHG (MCLG)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanadium (µg/L)</td>
<td>3.1</td>
<td>3.1</td>
<td>50</td>
<td>None</td>
<td>None</td>
<td>2016</td>
</tr>
</tbody>
</table>

### Constituents that may be of interest to consumers

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Average</th>
<th>Range</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicarbonate (mg/L)</td>
<td>84</td>
<td>84</td>
<td>2016</td>
</tr>
<tr>
<td>Calcium (mg/L)</td>
<td>27</td>
<td>27</td>
<td>2016</td>
</tr>
<tr>
<td>Magnesium (mg/L)</td>
<td>4.1</td>
<td>4.1</td>
<td>2016</td>
</tr>
<tr>
<td>pH</td>
<td>7.6</td>
<td>7.6</td>
<td>2016</td>
</tr>
<tr>
<td>Potassium (mg/L)</td>
<td>1.6</td>
<td>1.6</td>
<td>2016</td>
</tr>
<tr>
<td>Sodium (mg/L)</td>
<td>14</td>
<td>14</td>
<td>2016</td>
</tr>
<tr>
<td>Total Alkalinity (as CaCO3) (mg/L)</td>
<td>69</td>
<td>69</td>
<td>2016</td>
</tr>
<tr>
<td>Total Hardness (as CaCO3) (mg/L)</td>
<td>83</td>
<td>83</td>
<td>2016</td>
</tr>
<tr>
<td>Aggressive Index</td>
<td>11.25</td>
<td>11.25</td>
<td>2016</td>
</tr>
</tbody>
</table>

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. The tables in this report indicate which minerals and substances have been detected in the water provided by Mojave Water Agency. More information about contaminants and potential health effects can be obtained by calling the U.S. EPA Safe Drinking Water Hotline at 1-800-426-4791.

You can also go to the following websites for more information:

U.S. EPA - [www.epa.gov/safewater](http://www.epa.gov/safewater)
Source Water Assessment

Source water assessments were conducted for Wells 1-5 in June, 2012 and Well 6 was conducted in September, 2011. The assessments are summarized in the table below. A copy of the complete source water assessment and vulnerability assessment can be obtained by contacting the Mojave Water Agency at 13846 Conference Center Dr., Apple Valley, CA 92307; or the State Water Resources Control Board (SWRCB), 464 West 4th Street, Suite 437, San Bernardino, CA 92401. You may request a summary of the assessments be mailed to you by contacting the Mojave Water Agency at (760) 946-7000 or SWRCB District Engineer at (909) 383-4328.

<table>
<thead>
<tr>
<th>Source Number</th>
<th>Source ID</th>
<th>Most Vulnerable Activities (PCA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>Well No.1</td>
<td>Animal feeding operations as defined in federal regulations2 - Septic systems– high density [&gt;1/acre]</td>
</tr>
<tr>
<td>002</td>
<td>Well No.2</td>
<td>Animal feeding operations as defined in federal regulations2 - Septic systems– high density [&gt;1/acre]</td>
</tr>
<tr>
<td>003</td>
<td>Well No.3</td>
<td>Animal feeding operations as defined in federal regulations2</td>
</tr>
<tr>
<td>004</td>
<td>Well No.4</td>
<td>Animal feeding operations as defined in federal regulations2</td>
</tr>
<tr>
<td>005</td>
<td>Well No.5</td>
<td>Animal feeding operations as defined in federal regulations2</td>
</tr>
<tr>
<td>006</td>
<td>Well No.6</td>
<td>Animal feeding operations as defined in federal regulations2 - Septic systems– high density [&gt;1/acre] Wells– Agricultural / Irrigation</td>
</tr>
</tbody>
</table>

Are Special Precautions Needed?

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 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. Mojave Water Agency 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 do so, you may wish to collect the flushed water and reuse it for another beneficial purpose such as watering plants. 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 (1-800-426-4791) or at [http://www.epa.gov/lead](http://www.epa.gov/lead).

Sensitive Populations May Be More Vulnerable

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. U.S. EPA/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 Drinking Water Hotline (1-800-426-4791).

Radon

Radon is an unregulated chemical, therefore, there are no State drinking water standards for radon in California. Radon was detected at Wells 2 - 5 during the initial sampling in 2010 with results ranging from 479 - 589 pCi/L and an average of 546 pCi/L. During the initial sampling of Well 6 in 2011, results were 761 pCi/L. All wells were below the U.S. EPA MCL advisory level of 4,000 pCi/L. Radon is a radioactive gas that you cannot see, taste, or smell, and is found throughout the U.S. Radon can move up through the ground and into a home through cracks and holes in the foundation. Radon can build up to high levels in all types of homes. Radon can also get into indoor air when released from tap water from showering, washing dishes, and other household activities. Compared to radon entering the home through soil, radon entering the home through tap water will in most cases be a small source of radon in indoor air. Radon is a known human carcinogen. Breathing air containing radon can lead to lung cancer. Drinking water containing radon may also cause increased risk of stomach cancer. If you are concerned about radon in your home, test the air in your home. Testing is inexpensive and easy. You should pursue radon removal for your home if the level of radon in your air is 4 picocuries per liter of air (pCi/L) or higher. There are simple ways to fix a radon problem that are not too costly. For additional information, call your State Radon program (1-800-745-7236), the U.S. EPA Safe Drinking Water Act Hotline (1-800-426-4791), or the National Safety Council Radon Hotline (1-800-767-7236).
Mojave Water Agency’s R³ water supply is 100 percent groundwater. The Agency obtains its source of groundwater from six (6) vertical wells which are located in the Alto Subarea of the Upper Mojave River Groundwater Basin. Each well has a capacity of approximately 3,500 gallons per minute. The Agency maintains two storage reservoirs which have a combined capacity of approximately 8.45 million gallons.

To help monitor and keep your water safe, staff uses a state of the art Supervisory Control and Data Acquisition (SCADA) system to monitor reservoir levels, chlorine levels, and well status. The SCADA system provides remote operation and monitoring capabilities, increased security, and advanced notification. This is just one of the ways the Agency provides you with safe and reliable drinking water.

### Definitions

**Maximum Contaminant Level (MCL):** The highest level of a contaminant that is allowed in drinking water. Primary MCL’s are set as close to the PHG’s (or MCLG’s) as is economically and technologically feasible.

**Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG’s are set by the U.S. Environmental Protection Agency (USEPA).

**Maximum Residual Disinfectant Level (MRDL):** Highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**Maximum Residual Disinfectant Level Goal (MRDLG):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG’s do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**Notification Level (NL):** The concentration of a contaminant which, if exceeded, triggers notification to local political jurisdictions and customers.

**Primary Drinking Water Standard (PDWS):** MCLs, MRDLs and treatment techniques (TTs) for contaminants that affect health, along with their monitoring and reporting requirements.

**Public Health Goal (PHG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. PHG’s are set by the California Environmental Protection Agency.

**Regulatory Action Level (AL):** The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

**Secondary Drinking Water Standard:** Requirements that ensure appearance, taste, and smell of drinking water are acceptable.

**Secondary MCL’s (SMCL):** Are set to protect the odor, taste, and appearance of drinking water.

**Unregulated Contaminants:** Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. For additional information, call the Safe Drinking Water Hotline at (800) 426-4791.

### Regional Recharge and Recovery Water Supply

Mojave Water Agency’s R³ water supply is 100 percent groundwater. The Agency obtains its source of groundwater from six (6) vertical wells which are located in the Alto Subarea of the Upper Mojave River Groundwater Basin. Each well has a capacity of approximately 3,500 gallons per minute. The Agency maintains two storage reservoirs which have a combined capacity of approximately 8.45 million gallons.

To help monitor and keep your water safe, staff uses a state of the art Supervisory Control and Data Acquisition (SCADA) system to monitor reservoir levels, chlorine levels, and well status. The SCADA system provides remote operation and monitoring capabilities, increased security, and advanced notification. This is just one of the ways the Agency provides you with safe and reliable drinking water.

### Need more information...

#### Questions

For questions about this report or concerning the water system, please contact Michael Simpson, Superintendent of Operations at 760-946-7000 during our regular office hours: Monday-Thursday 7:30 am – 5:30 pm / Friday 7:30 am – 4:30 pm. Closed on Holidays and alternating Fridays.

#### En Español

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien, 760-946-7000.