

Regulated Detected Contaminants Table

| <p>Definitions and Terms</p> <p>In the Regulated detected contaminants table you will find many terms and abbreviations, some of which you may not be familiar with. To help you better understand these terms we've provided the following definitions:</p> <p>MCLG: Maximum Contaminant Level Goal: the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.</p> <p>MCL: Maximum Contaminant Level: the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.</p> <p>AL: Action level: the concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.</p> <p>PPT: Parts per Trillion</p> <p>NTU: Nephelometric Turbidity Unit:</p> <p>PPM: Parts per Million</p> <p>PPB: Parts per Billion</p> <p>N/A: Not Applicable</p> <p>N/D: Not detected</p> <p>pCi/l: Picocuries per liter</p> | <p>The table below lists all of the regulated drinking water contaminants that were detected during calendar year 2009. State and Federal rules require monitoring for certain contaminants less than once per year because the concentrations do not change frequently. Some of the data, though representative of the water quality, may be more than one year old. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. As shown by the data below, the Alma water system had no violations of EPA's established Maximum Contaminant Levels. Not listed below are the hundreds of other contaminants for which we tested that were not detected. For a complete listing of these contaminants please contact the Water Treatment Plant.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="text-align: left;">Regulated Contaminant (units)</th> <th>MCLG</th> <th>MCL</th> <th>Alma's Water (avg)</th> <th colspan="2">Range</th> <th>Sample Frequency</th> <th>Violations</th> <th>Typical Source</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th>Low</th> <th>High</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr style="background-color: #e0e0e0;"> <td colspan="9">Disinfectant by-products/Organic contaminants</td> </tr> <tr> <td>Total Trihalomethanes (ppb)</td> <td>0</td> <td>80</td> <td>53</td> <td>25</td> <td>87</td> <td>Quarterly</td> <td>No</td> <td>By-product of drinking water chlorination</td> </tr> <tr> <td>Total Haloacetic Acids (ppb)</td> <td>0</td> <td>60</td> <td>9.8</td> <td>3</td> <td>25</td> <td>Quarterly</td> <td>No</td> <td>By-product of drinking water chlorination</td> </tr> <tr style="background-color: #e0e0e0;"> <td colspan="9">Inorganic Contaminants</td> </tr> <tr> <td>Fluoride (ppm)</td> <td>2</td> <td>4</td> <td>1.15</td> <td>0.85</td> <td>1.48</td> <td>Daily</td> <td>No</td> <td>Additive which promotes strong teeth</td> </tr> <tr style="background-color: #e0e0e0;"> <td colspan="9">Radioactive Contaminants</td> </tr> <tr> <td>Combined Radium (pCi/l)</td> <td>N/A</td> <td>5</td> <td>1.7</td> <td>N/A</td> <td>N/A</td> <td>Due in 2013</td> <td>No</td> <td>Erosion of natural deposits</td> </tr> <tr style="background-color: #e0e0e0;"> <td colspan="9">Microbiological Contaminants</td> </tr> <tr> <td>Filter Confluence Turbidity (NTU)</td> <td>N/A</td> <td>95% of 4 hour compliance periods must be < .3NTU</td> <td>100% of monthly samples were <.3 NTU</td> <td></td> <td></td> <td>Every 2 hours of plant operation</td> <td>No</td> <td>Turbidity is a measure of the cloudiness of the water due to soil runoff. Used to monitor effectiveness of our filtration system</td> </tr> <tr> <td colspan="4"></td> <td colspan="2" style="text-align: center;">Average Plant tap Turbidity</td> <td colspan="3"></td> </tr> <tr> <td colspan="4"></td> <td colspan="2" style="text-align: center;">.15 NTU</td> <td colspan="3"></td> </tr> <tr style="background-color: #e0e0e0;"> <th style="text-align: left;">Regulated Contaminants subject to Action Level</th> <th>Action Level</th> <th>Alma's Water</th> <th>Low</th> <th>High</th> <th>Number of Samples above AL</th> <th>Violations</th> <th colspan="2">Typical Source</th> </tr> <tr> <td>*Lead (ppb)</td> <td>15</td> <td><1.0</td> <td>N/D</td> <td>1.4</td> <td>0</td> <td>No</td> <td colspan="2">Corrosion of household plumbing systems, erosion of natural deposits</td> </tr> <tr> <td>*Copper (ppb)</td> <td>1300</td> <td>25</td> <td>N/D</td> <td>100</td> <td>0</td> <td>No</td> <td colspan="2">Corrosion of household plumbing systems, erosion of natural deposits</td> </tr> <tr> <td colspan="9">Radioactive Contaminants data contained in this report is from 2003 lead and copper data contained in this report is from 2008</td> </tr> <tr style="background-color: #e0e0e0;"> <th colspan="9" style="text-align: center;">Non-Regulated Contaminants</th> </tr> <tr> <th style="text-align: left;">Contaminant (units)</th> <th colspan="2"></th> <th>Average</th> <th>Low</th> <th>High</th> <th colspan="3">There are no MCL's established for these contaminants</th> </tr> <tr> <td>N-Nitrosodimethylamine (ppt)</td> <td colspan="2"></td> <td>1.17</td> <td>N/D</td> <td>2.6</td> <td colspan="3"></td> </tr> </tbody> </table> | Regulated Contaminant (units) | MCLG | MCL | Alma's Water (avg) | Range | | Sample Frequency | Violations | Typical Source | | | | | Low | High | | | | Disinfectant by-products/Organic contaminants | | | | | | | | | Total Trihalomethanes (ppb) | 0 | 80 | 53 | 25 | 87 | Quarterly | No | By-product of drinking water chlorination | Total Haloacetic Acids (ppb) | 0 | 60 | 9.8 | 3 | 25 | Quarterly | No | By-product of drinking water chlorination | Inorganic Contaminants | | | | | | | | | Fluoride (ppm) | 2 | 4 | 1.15 | 0.85 | 1.48 | Daily | No | Additive which promotes strong teeth | Radioactive Contaminants | | | | | | | | | Combined Radium (pCi/l) | N/A | 5 | 1.7 | N/A | N/A | Due in 2013 | No | Erosion of natural deposits | Microbiological Contaminants | | | | | | | | | Filter Confluence Turbidity (NTU) | N/A | 95% of 4 hour compliance periods must be < .3NTU | 100% of monthly samples were <.3 NTU | | | Every 2 hours of plant operation | No | Turbidity is a measure of the cloudiness of the water due to soil runoff. Used to monitor effectiveness of our filtration system | | | | | Average Plant tap Turbidity | | | | | | | | | .15 NTU | | | | | Regulated Contaminants subject to Action Level | Action Level | Alma's Water | Low | High | Number of Samples above AL | Violations | Typical Source | | *Lead (ppb) | 15 | <1.0 | N/D | 1.4 | 0 | No | Corrosion of household plumbing systems, erosion of natural deposits | | *Copper (ppb) | 1300 | 25 | N/D | 100 | 0 | No | Corrosion of household plumbing systems, erosion of natural deposits | | Radioactive Contaminants data contained in this report is from 2003 lead and copper data contained in this report is from 2008 | | | | | | | | | Non-Regulated Contaminants | | | | | | | | | Contaminant (units) | | | Average | Low | High | There are no MCL's established for these contaminants | | | N-Nitrosodimethylamine (ppt) | | | 1.17 | N/D | 2.6 | | | |
|--|---|--|--------------------------------------|-----------------------------|----------------------------|---|--|--|------------|----------------|--|--|--|--|-----|------|--|--|--|---|--|--|--|--|--|--|--|--|-----------------------------|---|----|----|----|----|-----------|----|---|------------------------------|---|----|-----|---|----|-----------|----|---|------------------------|--|--|--|--|--|--|--|--|----------------|---|---|------|------|------|-------|----|--------------------------------------|--------------------------|--|--|--|--|--|--|--|--|-------------------------|-----|---|-----|-----|-----|-------------|----|-----------------------------|------------------------------|--|--|--|--|--|--|--|--|-----------------------------------|-----|--|--------------------------------------|--|--|----------------------------------|----|--|--|--|--|--|-----------------------------|--|--|--|--|--|--|--|--|---------|--|--|--|--|--|--------------|--------------|-----|------|----------------------------|------------|----------------|--|-------------|----|------|-----|-----|---|----|--|--|---------------|------|----|-----|-----|---|----|--|--|---|--|--|--|--|--|--|--|--|----------------------------|--|--|--|--|--|--|--|--|---------------------|--|--|---------|-----|------|---|--|--|------------------------------|--|--|------|-----|-----|--|--|--|
| Regulated Contaminant (units) | MCLG | MCL | Alma's Water (avg) | Range | | Sample Frequency | Violations | Typical Source | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Low | High | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disinfectant by-products/Organic contaminants | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Trihalomethanes (ppb) | 0 | 80 | 53 | 25 | 87 | Quarterly | No | By-product of drinking water chlorination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Haloacetic Acids (ppb) | 0 | 60 | 9.8 | 3 | 25 | Quarterly | No | By-product of drinking water chlorination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inorganic Contaminants | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fluoride (ppm) | 2 | 4 | 1.15 | 0.85 | 1.48 | Daily | No | Additive which promotes strong teeth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radioactive Contaminants | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Combined Radium (pCi/l) | N/A | 5 | 1.7 | N/A | N/A | Due in 2013 | No | Erosion of natural deposits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Microbiological Contaminants | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Filter Confluence Turbidity (NTU) | N/A | 95% of 4 hour compliance periods must be < .3NTU | 100% of monthly samples were <.3 NTU | | | Every 2 hours of plant operation | No | Turbidity is a measure of the cloudiness of the water due to soil runoff. Used to monitor effectiveness of our filtration system | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Average Plant tap Turbidity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | .15 NTU | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Regulated Contaminants subject to Action Level | Action Level | Alma's Water | Low | High | Number of Samples above AL | Violations | Typical Source | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Lead (ppb) | 15 | <1.0 | N/D | 1.4 | 0 | No | Corrosion of household plumbing systems, erosion of natural deposits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Copper (ppb) | 1300 | 25 | N/D | 100 | 0 | No | Corrosion of household plumbing systems, erosion of natural deposits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radioactive Contaminants data contained in this report is from 2003 lead and copper data contained in this report is from 2008 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-Regulated Contaminants | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contaminant (units) | | | Average | Low | High | There are no MCL's established for these contaminants | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N-Nitrosodimethylamine (ppt) | | | 1.17 | N/D | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |