## GAMA Domestic Well Project
### Summary Results
#### Commonly Observed Chemicals

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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>128 Wells</td>
<td>398 Wells</td>
<td>223 Wells</td>
<td>181 Wells</td>
<td>137 Wells</td>
<td>79 Wells</td>
<td>1146 Wells</td>
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<tr>
<td><strong>BACTERIA INDICATORS</strong></td>
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<tr>
<td>Total Coliform</td>
<td>Present ^3</td>
<td>28 (22%)</td>
<td>111 (28%)</td>
<td>56 (25%)</td>
<td>60 (33%)</td>
<td>34 (25%)</td>
<td>11 (14%)</td>
<td>300 (26%)</td>
</tr>
<tr>
<td>Fecal Coliform</td>
<td>Present ^4</td>
<td>4 (3%)</td>
<td>14 (4%)</td>
<td>3 (1%)</td>
<td>15 (8%)</td>
<td>NAS ^5</td>
<td>1 (1.3%)</td>
<td>37 (3.2%)</td>
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<tr>
<td><strong>GENERAL MINERALS &amp; IONS</strong></td>
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<tr>
<td>Nitrate</td>
<td>45 mg/L ^3</td>
<td>2 (2%)</td>
<td>7 (2%)</td>
<td>2 (1%)</td>
<td>75 (41%)</td>
<td>25 (18%)</td>
<td>9 (11%)</td>
<td>119 (10%)</td>
</tr>
<tr>
<td>Nitrite</td>
<td>1 mg/L</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
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<tr>
<td>Perchlorate</td>
<td>6 µg/L ^3</td>
<td>Not Sampled</td>
<td>Not Sampled</td>
<td>Not Sampled</td>
<td>2 of 40 (5%)</td>
<td>5 (4%)</td>
<td>9 (11%)</td>
<td>16 of 256 (6%)</td>
</tr>
<tr>
<td>Chloride</td>
<td>500 mg/L ^4</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>2 (1%)</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
</tr>
<tr>
<td>Sulfate</td>
<td>500 mg/L ^5</td>
<td>NAS ^1</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>3 (2%)</td>
<td>1 (1.3%)</td>
<td>NAS ^1</td>
</tr>
<tr>
<td>Total Dissolved Solids</td>
<td>1,000 mg/L ^3</td>
<td>5 (4%)</td>
<td>5 (1%)</td>
<td>5 (2%)</td>
<td>4 (2%)</td>
<td>22 (16%)</td>
<td>5 (6%)</td>
<td>46 (4%)</td>
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<tr>
<td><strong>METALS</strong></td>
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<tr>
<td>Aluminum</td>
<td>1,000 µg/L ^3</td>
<td>18 (14%)</td>
<td>12 (3%)</td>
<td>6 (3%)</td>
<td>2 (1%)</td>
<td>NAS ^6</td>
<td>NAS ^2</td>
<td>38 (3.3%)</td>
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<tr>
<td>Arsenic</td>
<td>10 µg/L ^4</td>
<td>6 (5%)</td>
<td>15 (4%)</td>
<td>30 (14%)</td>
<td>3 (2%)</td>
<td>3 (2%)</td>
<td>8 (10%)</td>
<td>65 (6%)</td>
</tr>
<tr>
<td>Cadmium</td>
<td>5 µg/L</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
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<tr>
<td>Chromium</td>
<td>50 µg/L ^3</td>
<td>1 (&lt;1%)</td>
<td>NAS ^2</td>
<td>1 (&lt;1%)</td>
<td>2 (1%)</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
</tr>
<tr>
<td>Iron</td>
<td>300 µg/L ^4</td>
<td>14 (11%)</td>
<td>81 (20%)</td>
<td>31 (14%)</td>
<td>2 (1%)</td>
<td>21 (15%)</td>
<td>6 (8%)</td>
<td>155 (14%)</td>
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<tr>
<td>Manganese</td>
<td>50 µg/L ^5</td>
<td>21 (16%)</td>
<td>98 (25%)</td>
<td>19 (9%)</td>
<td>2 (1%)</td>
<td>45 (33%)</td>
<td>13 (16%)</td>
<td>198 (17%)</td>
</tr>
<tr>
<td>Thallium</td>
<td>2 µg/L</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>6 (3%)</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>18 (23%)</td>
</tr>
<tr>
<td>Vanadium</td>
<td>50 µg/L ^b</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>14 (8%)</td>
<td>2 (1%)</td>
<td>NAS ^2</td>
<td>16 (&lt;2%)</td>
</tr>
<tr>
<td>Zinc</td>
<td>5,000 µg/L ^a</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>1 (&lt;1%)</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>11 (&lt;1%)</td>
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<tr>
<td><strong>ORGANICS</strong></td>
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<tr>
<td>Volatile Organic Compounds</td>
<td>Varies by compound</td>
<td>NAS ^2</td>
<td>1 (&lt;1%)</td>
<td>NAS ^2</td>
<td>10 (6%)</td>
<td>NAS ^2</td>
<td>NAS ^2</td>
<td>11 (&lt;1%)</td>
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<tr>
<td><strong>RADIONUCLIDES</strong></td>
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<tr>
<td>Gross Alpha</td>
<td>15 pCi/L (^3)</td>
<td>3 of 13 wells</td>
<td>19 of 54 wells</td>
<td>NAS(^2)</td>
<td>22 of 146 (15%)(^3)</td>
<td></td>
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</tr>
<tr>
<td>Radium 226+228</td>
<td>5 pCi/L (^3)</td>
<td>1 of 13 wells</td>
<td>2 of 54 wells</td>
<td>NAS(^2)</td>
<td>3 of 146 (2%) (^3)</td>
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</tr>
<tr>
<td>Uranium</td>
<td>20 pCi/L (^3)</td>
<td>Radionuclides not routinely analyzed</td>
<td>1 of 13 wells</td>
<td>16 of 54 wells</td>
<td>1 of 79</td>
<td>18 of 146 (12%) (^3)</td>
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</tr>
</tbody>
</table>

**Notes:**
1. Drinking water standards established by the California Department of Public Health (CDPH) are used for comparison purposes only, since domestic well water quality is not regulated. The MCL is the highest concentration of a contaminant allowed in public drinking water. “Primary” MCLs address health concerns, while “Secondary” MCLs (SMCLs) address esthetics, such as taste and odor. Notification Levels (NLs) are health-based advisory levels for chemicals in public drinking water that have no formal regulatory standards.
2. NAS\(^2\) = None Above Standard: Domestic wells were analyzed for this chemical – however, the chemical was not observed at a concentration greater than a CDPH Drinking Water Standard.
3. MCL
4. SMCL
5. NL