Waterborne levels (WHO) known as Maximum Contaminant Level -

Safe drinking water source quality criteria:

Why are contaminants in my drinking water?

Why are contaminants in my drinking water?

Water treatment facilities are designed to remove or reduce contaminants in water. Some contaminants may be naturally occurring, while others may enter the water supply through human activities. Contaminants can come from various sources, such as industrial processes, agricultural activities, and natural sources like volcanic eruptions or earthquakes.

What is the source of my drinking water?

The source of your drinking water is one of the most important factors in determining the quality of the water you drink. The source of your drinking water can be a significant factor in the potential presence of contaminants. For example, groundwater is generally considered to be a cleaner source of water than surface water, as it is less likely to be contaminated by human activities.

Radioactive contaminants can pose a significant health risk to those who consume contaminated water. These contaminants can be found in areas with a history of uranium mining or nuclear power plants. Radioactive contaminants can include radium and other naturally occurring elements that can be present in water supplies.

What is the quality of my drinking water?

The quality of your drinking water is determined by the source of your water supply. The quality of your drinking water can be assessed through regular testing by your local water utility. The results of these tests can help you determine if your water supply meets the necessary drinking water quality standards.

Protecting your health from contaminants in drinking water:

It is important to protect your health from contaminants in drinking water. This can be done by ensuring that your water supply is properly treated and monitored. You can also protect yourself by using filters or other treatments to remove contaminants before drinking water.

In order to ensure that your drinking water is safe to drink, it is important to monitor your water supply for any potential contaminants. This can be done by using a water testing kit or by contacting your local water utility for information on testing your water.

How is your drinking water supplied to your home?

Your drinking water is supplied to your home through a network of pipes and treatment facilities. Your water supply may come from a surface water source, such as a river or lake, or a groundwater source, such as a well. The source of your drinking water can be an important factor in determining the quality of the water you drink.

How to reduce your exposure to contaminants in drinking water:

To reduce your exposure to contaminants in drinking water, it is important to monitor your water supply for any potential contaminants. This can be done by using a water testing kit or by contacting your local water utility for information on testing your water. You can also protect yourself by using filters or other treatments to remove contaminants before drinking water.

Where can I find more information about contaminants in drinking water?

For more information about contaminants in drinking water, you can contact your local water utility or the Environmental Protection Agency (EPA). The EPA provides information on contaminants in drinking water and how to protect yourself from exposure to these contaminants.

EPA.gov/contaminants

EPA.gov/joy
### LEAD AND COPPER

#### 2019 Report (2018 data)

**Meriden Village Water District EPA # 1921020**

<table>
<thead>
<tr>
<th>Health Effects of Contaminant</th>
<th>Health Effects of Contaminant</th>
<th>Lead</th>
<th>Copper</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Health Effects of Contaminant</strong></td>
<td><strong>Health Effects of Contaminant</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Licorice, fruit</td>
<td>Licorice, fruit</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Tobacco</td>
<td>Tobacco</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Violation Date</strong></td>
<td><strong>Violation Date</strong></td>
<td><strong>Violation Date</strong></td>
<td><strong>Violation Date</strong></td>
</tr>
<tr>
<td>2018</td>
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<tr>
<td>Action Level</td>
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<tr>
<td>90 ppm</td>
<td>90 ppm</td>
<td>90 ppm</td>
<td>90 ppm</td>
</tr>
<tr>
<td>At least 30%</td>
<td>At least 30%</td>
<td>At least 30%</td>
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<tr>
<td><strong>Sample Value</strong></td>
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<td><strong>Sample Value</strong></td>
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<tr>
<td>0.035 ppm</td>
<td>0.035 ppm</td>
<td>0.035 ppm</td>
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</tr>
<tr>
<td>Above Action Level</td>
<td>Above Action Level</td>
<td>Above Action Level</td>
<td>Above Action Level</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
<td>15</td>
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</tr>
<tr>
<td><strong>Contaminant</strong></td>
<td><strong>Contaminant</strong></td>
<td><strong>Contaminant</strong></td>
<td><strong>Contaminant</strong></td>
</tr>
<tr>
<td>Lead</td>
<td>Lead</td>
<td>Lead</td>
<td>Lead</td>
</tr>
<tr>
<td>15 ppm in more than 5% licensed and unlicensed drinking water systems</td>
<td>15 ppm in more than 5% licensed and unlicensed drinking water systems</td>
<td>15 ppm in more than 5% licensed and unlicensed drinking water systems</td>
<td>15 ppm in more than 5% licensed and unlicensed drinking water systems</td>
</tr>
<tr>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>2018</td>
<td>2018</td>
<td>2018</td>
<td>2018</td>
</tr>
</tbody>
</table>
### Volatile Organic Contaminants

| Source of Contaminant | Health Effects of Contaminant | Likelihood Source of Contaminant | Volatile | Violation | MCL | MEC | PEL | DEQ
|----------------------|-----------------------------|----------------------------------|----------|-----------|-----|-----|-----|-----
|                     |                             |                                  |          |           |     |     |     |     

### Radionuclide Contaminants

| Source of Contaminant | Health Effects of Contaminant | Likelihood Source of Contaminant | Radiologic | Violation | MCL | MEC | PEL | DEQ
|----------------------|-----------------------------|----------------------------------|------------|-----------|-----|-----|-----|-----
|                     |                             |                                  |            |           |     |     |     |     

### Water Distribution

- Some people who drink water containing trihalomethanes in excess of the MCL over:
  - Years many have an increased risk of getting cancer
  - Some people who drink water containing trihalomethanes in excess of the MCL over:
  - Years may have an increased risk of getting cancer

### By-Product of Chlorination

- Some people who drink water containing trihalomethanes in excess of the MCL over:
  - Years may have an increased risk of getting cancer
  - Some people who drink water containing trihalomethanes in excess of the MCL over:
  - Years many have an increased risk of getting cancer

### Halogenated Acids

- Some people who drink water containing trihalomethanes in excess of the MCL over:
  - Years many have an increased risk of getting cancer
  - Some people who drink water containing trihalomethanes in excess of the MCL over:
  - Years may have an increased risk of getting cancer

### Perchlorate

- Some people who drink water containing trihalomethanes in excess of the MCL over:
  - Years many have an increased risk of getting cancer
  - Some people who drink water containing trihalomethanes in excess of the MCL over:
  - Years may have an increased risk of getting cancer

### Chlorate

- Some people who drink water containing trihalomethanes in excess of the MCL over:
  - Years many have an increased risk of getting cancer
  - Some people who drink water containing trihalomethanes in excess of the MCL over:
  - Years may have an increased risk of getting cancer

Note: The table includes various contaminants and their health effects, likelihood sources, and compliance levels. Detailed compliance requirements and violation levels are also listed.