The Little Walnut Water System has prepared the following report to provide information to you, the consumer, on the quality of our drinking water. Included within this report is general health information, water quality test results, how to participate in decisions concerning your drinking water and water system contacts.

Source Water Information

The Little Walnut Water System receives its drinking water from one underground aquifer, located in Bloom Township, adjacent to the treatment facility. The underground supply is delivered to the treatment facility by wells located throughout the wellfield.

Source Water Assessment

The aquifer that supplies drinking water to Fairfield County’s Little Walnut wellfield has a moderate susceptibility to contamination, due to the moderately sensitive nature of the aquifer in which drinking water wells are located and the existing potential contaminant sources identified. This does not mean that the aquifer will become contaminated, only that conditions are such that the ground water could be impacted by potential contaminant sources.

Future contamination of the aquifer can be avoided by implementing protective measures. Fairfield County has implemented, and will continue to implement protective measures to prevent contamination of the drinking water sources. Please contact Roger Donnell, Chief Water Operator at 614.322.5200 or Ohio EPA at 614.644.2752 for more information.

Health Related Information

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. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency’s Safe Drinking Water Hotline (1-800-426-4791).

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: (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; (B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; (D) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; (E) Radioactive contaminants, which 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, USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

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.
The Little Walnut Water System 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 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 State Drinking Water Hotline or at [http://www.epa.gov/safewater/](http://www.epa.gov/safewater/).

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. EPA/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.

**About Your Drinking Water**

The EPA requires regular sampling to ensure drinking water safety. The Little Walnut Water System conducted sampling for bacteria, lead, copper and nitrogen-related contaminants in 2012. Some of our data, though accurate, are more than one year old. We have a current unconditioned license to operate our water system. Listed is information on those contaminants that were found in the Little Walnut drinking water.

## REGULATED HEALTH RELATED STANDARDS

This table provides health related information about the quality of the water supplied to the water system in 2012 by the Utilities Department. This information is intended to assist our customers in making informed decisions regarding the consumption, protection and conservation of the water supply.

<table>
<thead>
<tr>
<th>CONTAMINANTS</th>
<th>MCL G</th>
<th>MCL</th>
<th>LEVEL FOUND</th>
<th>RANGE OF DETECTION</th>
<th>YEAR</th>
<th>ARE WE IN COMPLIANCE</th>
<th>TYPICAL SOURCES OF CONTAMINANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INORGANIC CONTAMINANTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FLUORIDE (mg/L)</td>
<td>4</td>
<td>4</td>
<td>1.04 mg/l</td>
<td>0.67-1.31 mg/l</td>
<td>2011</td>
<td>YES</td>
<td>WATER ADDITIVE WHICH PROMOTES STRONG TEETH</td>
</tr>
<tr>
<td>CHLORINE (mg/L)</td>
<td>4</td>
<td>4</td>
<td>1.15mg/L</td>
<td>0.8-1.3 mg/l</td>
<td>2011</td>
<td>YES</td>
<td>ADDED TO DISINFECT THE WATER</td>
</tr>
<tr>
<td>LEAD (mg/L)</td>
<td>0</td>
<td>AL=15</td>
<td>&lt;5.0 µg/l</td>
<td>&lt;5.0 µg/l</td>
<td>2010</td>
<td>YES</td>
<td>CORROSION OF HOUSEHOLD PLUMBING SYSTEMS</td>
</tr>
<tr>
<td>COPPER (mg/L)</td>
<td>1.3</td>
<td>AL=1.3</td>
<td>0.62 mg/l</td>
<td>N/A</td>
<td>2010</td>
<td>YES</td>
<td>CORROSION OF HOUSEHOLD PLUMBING SYSTEMS</td>
</tr>
<tr>
<td><strong>PHYSICAL CONCERNS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BARIUM (µg/L)</td>
<td>2000</td>
<td>2000</td>
<td>26.9 µg/l</td>
<td>N/A</td>
<td>2011</td>
<td>YES</td>
<td>EROSION OF NATURAL DEPOSITS</td>
</tr>
</tbody>
</table>

**COOPER LEVEL IN DRINKING WATER MAY BE ELEVATED WHEN COPPER SERVICE LINES ARE USED IN A HOUSE OR BUSINESS. ADDITIONAL INFORMATION ON COPPER IN DRINKING WATER, PLEASE CONTACT THE WATER DIVISION.**

## NON-REGULATED SECONDARY STANDARDS

Some of our data, though accurate, are more than one year old. We have a current unconditioned license to operate our water system. Listed is information on those contaminants that were found in the Little Walnut drinking water.

<table>
<thead>
<tr>
<th>CONTAMINANTS</th>
<th>MCL G</th>
<th>MCL</th>
<th>LEVEL FOUND</th>
<th>RANGE OF DETECTION</th>
<th>YEAR</th>
<th>ARE WE IN COMPLIANCE</th>
<th>TYPICAL SOURCES OF CON-TAMINANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRON (mg/L)</td>
<td>N/A</td>
<td>N/A</td>
<td>111</td>
<td>N/A</td>
<td>2011</td>
<td>YES</td>
<td>BYPRODUCT OF DRINKING WATER CHLORINATION</td>
</tr>
<tr>
<td>MANGANESE (mg/L)</td>
<td>N/A</td>
<td>N/A</td>
<td>&lt;0.3</td>
<td>N/A</td>
<td>2011</td>
<td>YES</td>
<td>BYPRODUCT OF DRINKING WATER CHLORINATION</td>
</tr>
<tr>
<td>PHOSPHATE (mg/L)</td>
<td>N/A</td>
<td>N/A</td>
<td>0.64</td>
<td>0.57-0.74</td>
<td>2011</td>
<td>YES</td>
<td>ADDED TO HELP PREVENT LEACHING OF COPPER OR LEAD INTO THE WATER AND SEQUESTRER ANY RESIDUAL IRON OR MANGANESE</td>
</tr>
<tr>
<td>SODIUM (mg/L)</td>
<td>N/A</td>
<td>N/A</td>
<td>140</td>
<td>81-170</td>
<td>2011</td>
<td>YES</td>
<td>INFORMATION FOR THOSE WHO MAY BE ON A SODIUM RESTRICTED DIET</td>
</tr>
</tbody>
</table>

**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. EPA/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.**

Public participation and comment are encouraged at regular meetings of the Board of Fairfield County Commissioners, which meets weekly on Tuesdays at 10:00 am in the Commissioners Hearing Room, Fairfield County Courthouse, 210 E Main Street, Lancaster, OH.

### Contact Information

Fairfield County Utilities
Billing & Administration
6670 Lockville Rd
Carroll, Oh 43112
740-652-7120 614-322-5201
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Rick Krueger, Class II
Chad Sims, Class II
Josh Anders, Class II

If you have any questions regarding your drinking water, please contact Roger Donnell, Chief Water Operator, to discuss your concerns.

Roger A Donnell
Chief Water Operator
rdonnell@cco.fairfield.oh.us

Certified Drinking Water Operators

Roger Donnell, Class III
Rick Krueger, Class II

Berry McCain, Class III
Chad Sims, Class II

Ted Schmelzer, Class III
Josh Anders, Class II