2014 Consumer Confidence Report
Hancock Water Works
PWS ID# 1061010

Introduction
Like any responsible public water system, our mission is to deliver the best-quality drinking water and reliable service at the lowest, appropriate cost. Aging infrastructure presents challenges to drinking water safety, and continuous improvement is needed to maintain the quality of life we desire for today and for the future.

In the past year, we have been working on the installation of secondary disinfection, with UV Light. In the coming year, we intend to develop a short to midterm plan to address our aging gate valves and fire hydrants. These investments along with ongoing operation and maintenance costs are supported by water rents that we collect twice per year. When considering the high value we place on water, it is truly a bargain to have water service that protects public health, fights fires, supports businesses and the economy, and provides us with the high-quality of life we enjoy.

What is a Consumer Confidence Report?
The Consumer Confidence Report (CCR) details the quality of your drinking water, where it comes from, and where you can get more information. This annual report documents all detected primary and secondary drinking water parameters, and compares them to their respective standards known as Maximum Contaminant Levels (MCLs).

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, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

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.

Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses.

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.

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, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. The US Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

What is the source of my drinking water?
Jugernaut Pond is the sole source of Hancock’s drinking water. It was established in 1952. Jugernaut Pond is a 15 acre pond fed by an 85 acre watershed that is fully forested and has no development of any kind. Jugger-
fore, some of the ratings might be different if updated to reflect current information. At the present time, DES has no plans to update this data.

The complete Assessment Report is available for review at the DPW Office at 79 Bennington Road. For more information, call Kurtis Grassett at 525-4087 or visit the DES Drinking Water Source Assessment website at http://des.nh.gov/organization/divisions/water/dwgb/dwspp/dwsap.htm.

How can I get involved?

The Hancock Water Commissioners hold regularly scheduled meetings on the 4th Wednesday of every month at the Public Works Department Office. These meetings are open to the public. The current Commissioners and their phone numbers are listed here for your convenience. Jeff Wilder 525-6655 Joel Chandler 525-3172 or 525-4087 Sean Kerwin 525-4110 or the primary operator, Kurtis Grassett at 525-4087. Although we do not have specific dates for public participation events or meetings, feel free to contact us with any questions you may have.

Violations and Other information: Hancock Water Works has not received any violations during this reporting period. Hancock’s drinking water meets all federal and state regulations. To ensure safety and meet the State and Federal requirements, Hancock’s drinking water undergoes extensive testing. Our current testing schedule is as follows: Total Coliform Bacteria—tested monthly. Fecal Coliform Bacteria-raw water- tested weekly Inorganic contaminants—Every 3 years from 1997

Synthetic Organic Contaminates (SOC) 6 year waiver from 1997
Volatile Organic Compounds (VOC) 6 year waiver form 1997 (All SOC and VOC were “nd” on previous tests

Ambient Groundwater Quality Standard or AGQS: The maximum concentration levels for contaminants in groundwater that are established under RSA 485-C, the Groundwater Protection Act.

Action Level or AL: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

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

Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water.

Turbidity: A measure of the cloudiness of the water. It is monitored by surface water systems because it is a good indicator of water quality and thus helps measure the effectiveness of the treatment process. High turbidity can hinder the effectiveness of disinfectants.

Abbreviations
BDL: Below Detection Limit
mg/L: milligrams per Liter

NA: Not Applicable
ND: Not Detectable at testing limits
NTU: Nephelometric Turbidity Unit
ppCi/L: picoCurie per Liter
ppb: parts per billion
ppm: parts per million
RAA: Running Annual Average
TTHM: Total Trihalomethanes
UCMR: Unregulated Contaminant Monitoring Rule
ug/L: micrograms per Liter

THE FOLLOWING APPLIES if these contaminants are present - see table for detected levels.

Drinking Water Contaminants:

Lead: 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. This water system is responsible for high quality drinking water, but can not control the variety of materials used in your plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing cold water from your tap for at least 30 seconds before using water for drinking or cooking. Do not use hot water for drinking and 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://water.epa.gov/drink/info/lead/index.cfm

Radon: Radon is a radioactive gas that you can’t see or smell. It can move up through the ground and into a home through cracks and holes in the foundation. Radon can also get into indoor air when released from tap water from showing, washing dishes, and other household activities. It is a known human carcinogen. Breathing radon can lead to lung cancer. Drinking water containing radon may cause an increased risk of stomach cancer.
# DETECTED WATER QUALITY RESULTS

<table>
<thead>
<tr>
<th>Contaminant (Units)</th>
<th>Level Detected (please list date sampled if prior to current reporting year)</th>
<th>MCL</th>
<th>MCLG</th>
<th>Violation YES/NO</th>
<th>Likely Source of Contamination</th>
<th>Health Effects of Contaminant</th>
</tr>
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<tbody>
<tr>
<td><strong>Microbiological Contaminants</strong></td>
<td></td>
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<tr>
<td>Turbidity (NTU)</td>
<td>0.75 ntu October 7, 2013</td>
<td>TT</td>
<td>N/A</td>
<td>Soil runoff</td>
<td>Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.</td>
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<td><strong>Inorganic Contaminants</strong></td>
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<tr>
<td>Copper (ppm)</td>
<td>0.687 3/12/2012</td>
<td>AL=1. 3</td>
<td>1.3</td>
<td>Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives</td>
<td>Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson’s Disease should consult their personal doctor.</td>
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<tr>
<td>Lead (ppb)</td>
<td>0.00 ppb 3/12/2012</td>
<td>AL=1 5</td>
<td>0</td>
<td>Corrosion of household plumbing systems, erosion of natural deposits</td>
<td>(15 ppb in more than 5%) 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 you are concerned about elevated lead levels in your home water, you may wish to have your water tested and flush your tap for seconds to 2 minutes before using tap water. Additional information is available from the Safe Drinking Water Hotline (800-426-4791).</td>
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Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

| Volatile Organic Contaminants | 3.7 ppb | 60 | NA | By-product of drinking water disinfection | Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

| Haloacetic Acids (HAA) (ppb) | 32.4 ppb | 100/80 | N/A | By-product of drinking water chlorination | Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.