

## DEFINITIONS

**Parts per million (ppm) and parts per billion (ppb)** - One ppm can be equated to a single penny in \$10,000. One ppb is a single penny in \$10,000,000.

**Maximum Contaminant Level Goal (MCLG)** - The MCLG is the level of a contaminant in drinking water below which there is no known or expected health risk. MCLGs provide a margin of safety.

**Maximum Contaminant Level (MCL)**- The MCL is 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. MCLs are set at very stringent levels by the State and Federal government.

**Maximum Residual Disinfectant Level (MRDL)** - Means 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 (MRDLG)** - Means 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.

**Nephelometric Turbidity Unit (ntu)** measures clarity.

**Turbidity** - The cloudy appearance of water caused by the presence of tiny particles. High levels of turbidity may interfere with proper water treatment and monitoring.

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

**Treatment Technique (TT)** - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

**90<sup>th</sup> Percentile** - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. For example, if 10 samples are taken, the 90<sup>th</sup> percentile is determined by disregarding the highest result, which represents 10 percent of the samples.

**ND** - not detected      **na** - not applicable/available.

**Did You Know ?**  
*An eight ounce glass of water can be refilled 15,000 times for what it costs to buy a six-pack of soda.*

## PUBLIC PARTICIPATION

Interested citizens and groups are welcome to tour the City's water treatment facilities, Monday through Friday during regular business hours. Please call the Water Treatment Plant, in advance at 810.984.9780 to make arrangements. Please check *The Times Herald* or call the Water Plant for details of any special events scheduled throughout the year at the Water Treatment Plant.

## QUESTIONS? COMMENTS?

Staff at the Port Huron Water Plant work around the clock to provide quality water. If you have any questions or comments, or would like to receive more specific information about the Port Huron Water Treatment Plant, please feel free to call 810.984.9780. Water Plant staff will be happy to help you.