



# Long Island American Water

## Typical Water Quality Information

**PWSID Number:** NY2902835

**Area Served:** Southwestern Nassau County, NY –  
Including the following communities:

Atlantic Beach, Baldwin, Baldwin Harbor, Barnum Island, Bay Park, Cedarhurst, East Atlantic Beach, East Rockaway, Harbor Isle, Hewlett, Hewlett Bay Park, Hewlett Harbor, Hewlett Neck, Inwood, Island Park, Lakeview, Lawrence, Lynbrook, Malverne, Malverne Park-Oaks, Meadowmere, North Lawrence, North Lynbrook, North Woodmere, Oceanside, Roosevelt, South Hempstead, Valley Stream, West Hempstead, Woodmere, Woodsburgh.

### Where Does My Water Come From?

**Groundwater** is the source of **all** of the drinking water supplied by Long Island American Water. It is drawn up from the ground from approximately 162 wells located in the aquifer system beneath the land surface, and spread-out throughout our service territory. The aquifers are water-bearing geologic deposits of sand and clay that absorb and store about 45 percent of the rain and snow that fall on Long Island. The aquifers utilized by the company are the Magothy, Jameco, and Lloyd.

### Average amount of water supplied to customers on a daily basis

**29** million gallons per day (average)

[Approximately **50** million gallons per day in Summer (peak) season]

[Approximately **18** million gallons per day in Winter (off-peak) season]

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
pH	<b>7.0 – 8.5 units</b>	pH is a measure of the acid / base properties of water.
Total Hardness (as CaCO <sub>3</sub> )	<b>40 - 100 mg/L</b>	Naturally occurring; water treatment additive (Calcium Hydroxide).
Total Hardness (as CaCO <sub>3</sub> )	<b>2.5 – 6.0 grains per gallon</b>	Naturally occurring; water treatment additive (Calcium Hydroxide). Water can be classified as having a <b>“Medium” hardness level</b> – Not “Hard” or “Soft”, but in-between the two.
Fluoride	<b>0 mg/L</b>	Naturally occurring and water additive, MCL = 4.0 mg/L – <b>No</b> Fluoride is naturally found in our water sources or added by Long Island American Water.
Sodium	<b>9.8 – 15.2 mg/L</b>	No MCL – Informational only
Iron (range)	<b>ND – 0.63 mg/L</b>	Secondary Standard Limit = 0.3 mg/L - Iron is a naturally occurring parameter and is not a health concern (aesthetic quality only that can cause discolored water). Higher levels of iron ( <b>up to 1.5 mg/L</b> ) may be allowed by New York State when justified using treatment by the water supplier, as is the case with Long Island American Water.
Manganese	<b>ND – 0.04 mg/L</b>	Naturally occurring
Type of disinfection	N/A	<b>Chlorine (Sodium Hypochlorite)</b>
Disinfectant residual level leaving the treatment plant (range)	<b>0.30 – 1.50 mg/L</b>	Water additive used to control microbes.
Disinfectant residual level in the distribution system (average)	<b>0.63 mg/L</b>	Max Residual Disinfectant Level Running Annual Avg (MCL) = 4.0 mg/L
Lead [90 <sup>th</sup> percentile result]	<b>6.0 ug/L</b>	Action Level = 15.0 ug/L Sources include corrosion of household plumbing and erosion of natural deposits.
Copper [90 <sup>th</sup> percentile result]	<b>0.15 mg/L</b>	Action Level = 1.3 mg/L Sources include corrosion of household plumbing and erosion of natural deposits.

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Nitrate	<b>ND – 0.07 mg/L</b>	MCL = 10 mg/L Sources include runoff from fertilizer use; leaching of septic tanks and sewage; erosion of natural deposits.
Arsenic	<b>ND</b>	MCL = 10 ug/L
Chromium-6	<b>This voluntary sampling has not yet been scheduled for this system. “Total Chromium” is ND.</b>	Chromium-6 is not currently regulated as an individual contaminant. For more information, please visit <a href="http://www.amwater.com/nyaw/Ensuring-Water-Quality/Chromium-6">http://www.amwater.com/nyaw/Ensuring-Water-Quality/Chromium-6</a>

**Definitions**

- mg/L – milligrams per liter; **one milligram per liter is equal to one part per million (ppm)**, which is approximately the same as 1 second in 11.5 days
- ug/L – micrograms per liter; **one microgram per liter is equal to one part per billion (ppb)**, which is approximately the same as 1 second in 31.7 years
- N/A – Not Applicable
- ND – Not Detected
- MCL – Maximum Contaminant Level – The highest level of a contaminant allowed in drinking water under Federal and / or State regulations.

For a complete report of your water quality, please refer to the most recent “Annual Water Quality Report”, also known as the “Consumer Confidence Report”, located on the American Water web site.

For more information, please contact:

Our Customer Service Center  
at 1-877-426-6999  
(24/7/365)

or

Our local Water Quality Manager  
at 516-596-4824  
(during regular business hours)

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