

Tap Water Tour Notes:



The pH Scale:

1	2	3	5	6	7	8	9	10	11	13	14
Battery Acid	soda pop				water	Baking soda		ammonia		Bleach	Lye

- ◆ Distilled water has been purified so that there are no minerals in it.
- ◆ Salt water contains salt and many other minerals like calcium, iron, potassium and copper. Minerals come from rocks like limestone and shale.
- ◆ Acid Rain may contain : Carbonic Acid
Sulfuric Acid
Nitric Acid
Acid rain can come from chemical pollution from factories, power plants or even natural occurrences like lightning, volcanoes, forest fires and even breathing puts CO_2 in the air.
- ◆ Water with a low or high pH can damage pipes.
- ◆ City water is adjusted to a pH of about 7
- ◆ A pH of 5 or less will react with metal pipes, eat holes in pipes, damage faucets, and cause leaks. Corrosive means to eat away or decay.
- ◆ Water with a pH above 8 usually has many minerals like calcium and magnesium, which can clog pipes, leave bathtub rings and make clothes look dingy. A crusty scale can build up on sinks and fixtures. Limestone is a basic rock (above 7)

Tablet Code for pH:

4	5	6	7	8	9	10
red	orange	yellow	lt. green	blue-green	blue	purple