**Fluoridation.**

### What is wrong with this picture?

A comparison between the toxicity and maximum contaminant levels of lead, fluoride and arsenic.

**Relative Toxicity**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>5</td>
<td>Extremely toxic</td>
<td>Fluoride</td>
</tr>
<tr>
<td>4</td>
<td>Very toxic</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Moderately toxic</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Slightly toxic</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Practically nontoxic</td>
<td></td>
</tr>
</tbody>
</table>

Based on LD50 data from Robert E. Gosselin et al., *Clinical Toxicology of Commercial Products* 5th ed., 1984

### Two-thirds of kids in fluoridated communities display fluoride toxicity.

“According to a study by the National Institute of Dental Research, 66 percent of America’s children in fluoridated communities show the visible sign of over-exposure and fluoride toxicity: dental fluorosis. . . That effect occurs when children ingest more fluoride than their bodies can handle with the metabolic processes we were born with, and their teeth are damaged as a result. And not only their teeth. Children’s bones and other tissues, as well as their developing teeth are accumulating too much fluoride.”

*Congressional Testimony by J. William Hirzy, Ph.D., Senior Chemist and Risk Assessment Analyst, representing the union of all professionals at U.S. EPA Headquarters, June 29, 2000*

### Maximum Contaminant Levels

| 4000 ppb |  |
| 3500 ppb |  |
| 3000 ppb |  |
| 2500 ppb |  |
| 2000 ppb |  |
| 1500 ppb |  |
| 1000 ppb |  |
| 500 ppb |  |
| 0 ppb |  |

Standards established by the US Environmental Protection Agency

For more information, visit

- www.FluorideAction.net
- www.ActionPA.org/fluoride/
- www.fluoridation.com
- www.fluoride-journal.com
- www.earthisland.org/eijournal/fluoride/fluoride_index.html

**“Our lives begin to end the day we become silent about things that matter.”**

*Martin Luther King Jr.*
The chemicals used for fluoridation are not manufactured in a laboratory under strict conditions as most people, including doctors and dentists, believe. These chemicals come directly from the pollution scrubbers of the phosphate fertilizer manufacturing plants. “…waste products of the fertilizer industry are now used in 90% of fluoridation programs.”

Congressional testimony by J. William Hirzy, Ph.D, June 29, 2000

Existing data indicate that subsets of the population may be unusually susceptible to the toxic effects of fluorides. These populations include the elderly, diabetics, people with deficiencies of calcium, magnesium, and/or vitamin C, and people with cardiovascular and kidney problems.

A Toxicological Profile by the U.S. Dept. of Health and Human Services, Public Health Service, April 1993

Judge John P. Baherty, former Chief Justice of the Pennsylvania Supreme Court, in his review of a case never overturned on the merits, came to this conclusion about fluoridation: “In my view, the evidence is quite convincing that the addition of sodium fluoride to the public water supply at one part per million is extremely deleterious to the human body, and, a review of the evidence will disclose that there was no convincing evidence to the contrary…”

Judge Anthony Farris in Texas found: “[That] the artificial fluoridation of public water supplies, such as contemplated by {Houston} City ordinance No. 80-2530 may cause or contribute to the cause of cancer, genetic damage, intolerant reactions, and chronic toxicity, including dental mottling, in man; that the said artificial fluoridation may aggravate malnutrition and existing illness in man…”

Congressional testimony by J. William Hirzy, Ph.D, June 29, 2000

Read Dr. Hirzy’s testimony before the US Senate Subcommittee at: www.keepers-of-the-well.org/hearings-investigations.html