

Letter to the Editor. Peninsula Daily News Feb. 2, 2010

A Jan. 12 PDN headline read, "PA Water Will Be Safe, Officials Say; Treatment Plant Will Reverse Effects Caused by Elwha Dam Removal."

This City Utility statement reflects a fiercely defended federal position promoting municipal water fluoridation.

Deliberate governmental suppression of information unfavorable to fluoridation is documented in Christopher Bryson's book *The Fluoride Deception*.

The National Research Council's *Fluoride in Drinking Water: A Scientific Review of EPA's Standards* (May, 2006) cites numerous gaps in knowledge required before anyone can substantiate that PA water is now or will be in future safe for all users. See <http://tinyurl.com/6hwx4g>.

Roughly half of fluoride dosage comes from food, pesticides, beverages, dental products and medications.

Water intake varies among individuals as much as a hundredfold, so fluoride dose varies accordingly.

Infant and child water intake is relatively high.

EPA's "reference dose" for fluoride, a level supposed to protect a population, is exceeded by non-breast-fed infants when water with fluoride at one part per million, as in Port Angeles, is used for formula.

Mothers must be vigilant.

Risk analysts often apply "No Observable Effect Levels" (NOEL) for various diseases to determine safety for long-term use of toxic materials.

Relatively high water consumers, including infants, will exceed fluoride NOEL levels with respect to dental and skeletal fluorosis, (increased risk of bone/hip fracture, brittle, discolored teeth), neurotoxicity, (decreased intellectual capacity), impaired glucose metabolism (diabetes), and impaired thyroid function (hypothyroidism).

Water fluoridation is not safe for everyone.

Dr. Eloise Kailin