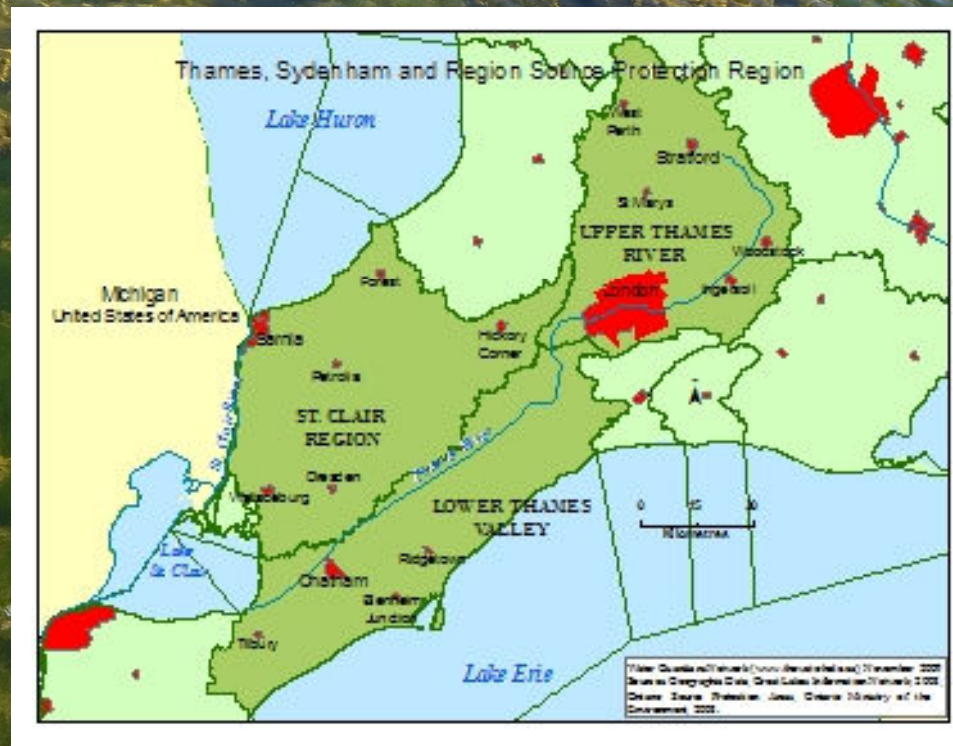




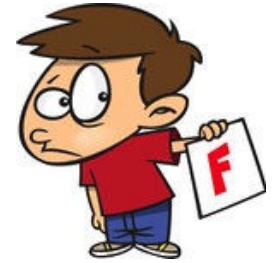
Environment Canada Protection of Aquatic Species F Guideline = 0.12 mg/l



Sources of F to the Thames

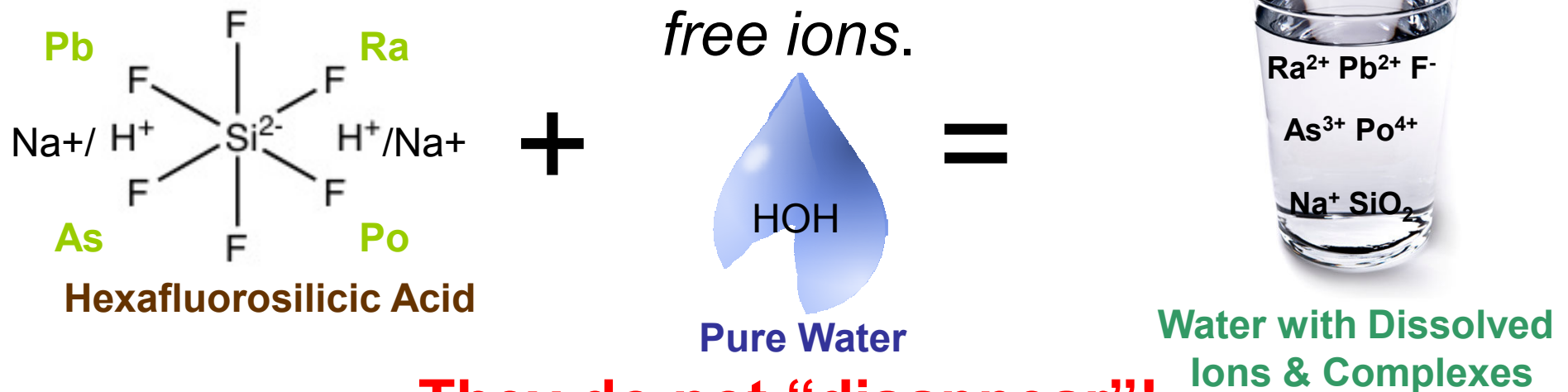
- Municipal Water Fluoridation
- Domestic and Agricultural Phosphates
- Road and Domestic Salts
- Personal Care Products
- Domestic and Industrial Cleaners and Solvents
- Pesticides and Pharmaceuticals
- Atmospheric Fall-Out
- Natural and Municipal Discharge of Groundwater

Guilty By Dissociation



Those who claim that contaminants in fluorosilicates (ex. arsenic, lead & uranium decay products like radium, polonium, radon) are not a health concern because of the “100% dissociation in water” argument would **FAIL** high-school Chemistry.

They are released to water as



They do not “disappear”!

(...and 100% dissociation never happens in real life anyway)

IGNORANCE OF THE LAW

THE HAZARDOUS WASTE ACT

does not permit the addition of H_2SiF_6 directly into the environment in any concentration yet, 99% of our fluoridated tap water returns to our ecosystem.



Greenway Water Treatment Plant

At least 350,000 lbs of H_2SiF_6 is added to the Thames River annually (calculated at 1lb/person, not including F from pharmaceuticals, personal care products, agricultural and industrial chemicals)

“Fluoride passes through the wastewater treatment process unchanged...(surface water bodies downstream get) a huge fluoride injection as a result of these sources.”

Peter van Caulart, Environmental Training Institute in Ontario



Downstream F concentrations are not systematically monitored

LEGISLATIVE CONFLICTS (con't)

- **Canadian Environmental Protection Act 1993**
Priority Substance List Assessment Report "...it has been concluded that inorganic fluorides are entering the environment in quantities or under conditions that may be harmful to the environment."
- **Species at Risk Act 2002** "...stewardship activities contributing to the conservation of wildlife species and their habitat should be supported to prevent species from becoming at risk"
- **Safe Drinking Water Act 2002** "Dilution is no defense for adding a contaminant to drinking water."

Organizations in Favour of Fluoride-Free Water

- Canadian Association of Physicians for the Environment
- UNICEF
- Council of Canadians
- EPA Headquarters Professionals' Union
- Great Lakes United
- Members of the National Research Council
- International Society of Doctors for the Environment
- American Academy of Environmental Medicine
- Environmental Working Group
- Environmental Health Foundation
- Science and Environmental Health Network
- Center for Health, Environment, and Justice

Thank you for your time

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