



Pollution in People



PARTICIPANT PROFILE: Pam Tazioli

Place of residence: Seattle, Washington

Birthplace: Seattle, Washington

Lived in Washington since: 1984 (also 1953 to 1975)

Occupation: health advocate, Breast Cancer Fund

Age: 52

Known specific exposures to toxic chemicals: breast cancer treatment

Special diet: none

Estimated proportion of diet organic: 66%

Home pesticide use: yes

Pam Tazioli's Chemical Profile

- * 26 chemicals detected
- * third highest level of phthalates, commonly found in medical devices
- * study detected likely carcinogen PFOA and known carcinogen arsenic

Chemical Class	Found In	Potential Health Effects	Found in Participant	
			(Yes)	(No)
Phthalates (plasticizers and fragrance carriers)	PVC (vinyl) flooring, toys, shower curtains, personal-care products	harm to reproductive development	✓	
PBDEs (toxic flame retardants)	televisions, mattresses, furniture	learning deficits, hormone disruption	✓	
Lead	PVC (vinyl), drinking water, paint & dust in older homes, hobby products	learning deficits		✓
Mercury	thermostats, fluorescent light bulbs	learning deficits	✓	
Arsenic	treated wood, herbicides, contaminated soil	cancer	✓	
PFCs ("Teflon chemicals")	coated food packaging such as for french fry boxes; stain-protection treatments for carpeting and clothing	cancer, organ damage, reproductive effects	✓	
Pesticides	weed and pest sprays for farming and home and garden	cancer, nervous system harm, developmental effects, potential acute effects		✓
DDT (pesticide)/PCBs (industrial coolant); banned but persistent toxic chemicals	present in many food sources, especially animal and fish fats	nervous system harm, hormone disruption, learning deficits,	✓	