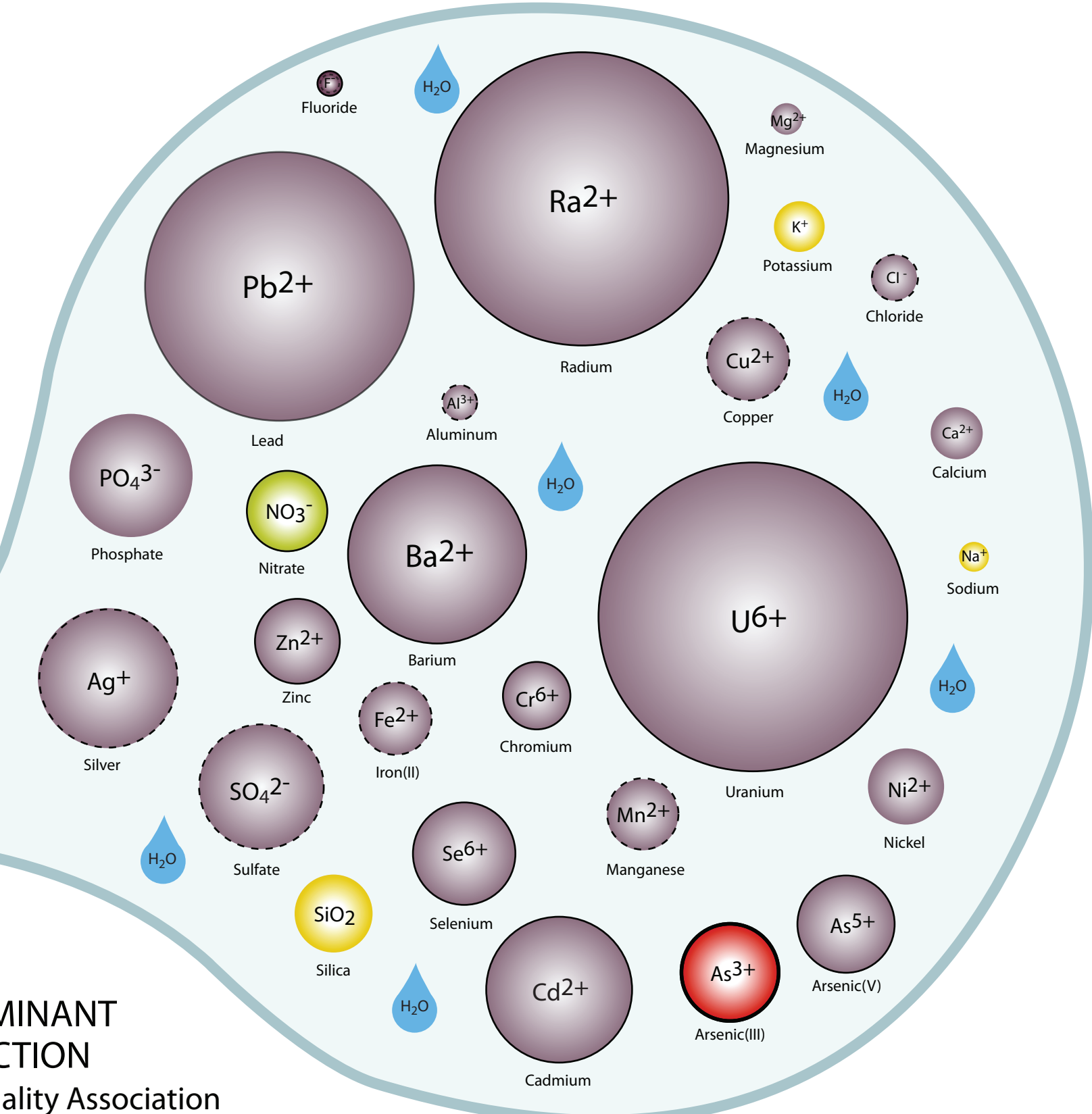
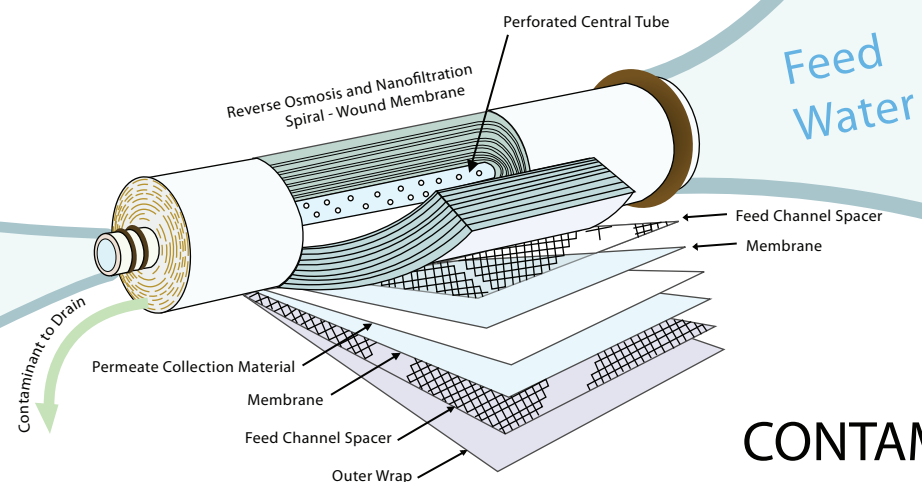


CONTAMINANT REDUCTION by MEMBRANE FILTRATION (REVERSE OSMOSIS and NANOFILTRATION)



CONTAMINANT REDUCTION

Source: Water Quality Association

EPA DRINKING WATER STANDARDS

- Primary (MCLs)
- Secondary

	93-99%		90-98%
	85-95%		70-80%

MEMBRANE PORE SIZE

Reverse Osmosis	0.0001μ
Nanofiltration	0.001μ
Buckman Direct Diversion	0.1μ

1μ (micron or micrometer)
= 1,000,000th meter (1x10⁻⁶ m)
= 0.0000394 inches

RELATIVE SIZE COMPARISON of COMMON LOCAL CONTAMINANTS by MOLECULAR WEIGHT