

**City of Dayton Division of Water Supply & Treatment
2008 Water Quality Data Averages - Continued**

METAL ANALYSES:	Mad River Well Field	Ottawa Plant Eff.	Miami Well Field	Miami Plant Eff.	Distribution System
ppm					
Barium	0.096	<0.025	0.112	0.025	0.025
Boron	0.066	0.06	<0.050	<0.050	<0.050
Iron	0.423	<0.025	0.236	<0.025	<0.025
Lead	<0.003	<0.003	<0.003	<0.003	<0.003
Manganese	0.078	<0.025	0.054	<0.025	<0.025
Molybdenum	0.002	0.004	0.003	0.004	0.004
Strontium	1.427	0.556	0.532	0.306	0.375

ppm = parts per million

Radon pCi/l	158	119	83	75	58
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pCi/l = picocuries per liter (a measure of radioactivity)

VOLATILE ORGANIC CHEMICALS, [VOC] including THMs, ppb	<0.25	3.48	<0.25	3.96	17.72
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TOTAL TRIHALOGENATED METHANES (THMs) ppb 17.72

Note: THMs are created when chlorine reacts with natural organics.

ppb = parts per billion

Not detected for flushed samples: Aluminum, Antimony, Arsenic, Beryllium, Cadmium, Chromium, Copper, Cobalt, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Titanium, Vanadium, Zinc, Nitrogen/Phosphorus Pesticides, Acid Extractable & Base Neutral Compounds, Alpha Radiation, Beta Radiation.

Lead and copper were not detected in most of the samples collected at residences in 2008. During the most recent Lead and Copper Rule compliance period (2008) ninety (90%) of the samples collected in "worst case scenario" (not flushed) were below 3 ug/L for lead, and below 55 ug/L for copper. All of the samples were below the lead action level, 15 ug/l.

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