

Menomonee Falls Water Utility

Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
(262) 532-4800



2009 Blended

During the course of the year 2009, the Menomonee Falls Water Utility purchased 1,121,579,794 surface water gallons from the City of Milwaukee. 3,474,000 ground water gallons were blended in for a total of 1,125,053,794 gallons of water to the customers in this zone. The result is a blend of less than one percent ground water and approximately ninety-nine percent Milwaukee surface water. This blending was performed in part to exercise and maintain our deep wells on a routine basis. Because of this blending process, we are required to inform our customers of the Water Utility's water quality testing results for the year 2009. Listed below are the test results for Menomonee Falls Municipal well water during the year 2009.

Disinfection Byproducts

Contaminant (Units)	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2009)	Violation	Typical Source of Contaminant
HAA5 (ppb)	60	60	3	1 - 3		No	
TTHM (ppb)	80	0	7.0	4.7 - 8.0		No	By-product of drinking water chlorination

Inorganic Contaminants

Contaminant (Units)	MCL	MCLG	Level Found	Range	Sample Date (If prior to 2009)	Violation	Typical Source of Contaminant
Antimony Total (ppb)	6	6	.2	.1 - .2	9/15/2005	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Arsenic (ppb)	10	n/a	1	1 - 1	9/15/2005	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	.076	.022 - .076	9/15/2005	No	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium Total (ppb)	4	4	.18	.09 - .18	9/15/2005	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace & defense industries
Chromium (ppb)	100	100	2	1 - 2	9/15/2005	No	Discharge from steel and pulp mills; Erosion of natural deposits
Copper (ppm)	AL=1.3	1.3	.2990	0 of 52 results were above the action level.	12/15/2008	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Fluoride (ppm)	4	4	.8	.7 - .8	9/15/2005	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Lead (ppb)	AL=15	0	6.70	4 of 52 results were above the action level.	11/12/2008	*	Corrosion of household plumbing systems; Erosion of natural deposits
Nickel (ppb)	100		8.5000	1.4000 - 8.5000	9/15/2005	No	Nickel occurs naturally in soils, ground water and surface waters and is often used in electroplating, stainless steel and alloy products
Nitrate (N03-N) (ppm)	10	10	.59	.24 - .59	9/15/2005	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrate (N02-N) (ppm)	1	1	.190	nd - .190	9/15/2005	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Selenium (ppb)	50	50	3	nd - 3	9/15/2005	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Sodium (ppm)	n/a	n/a	8.30	8.30	3/4/2006	No	n/a
Thallium Total (ppb)	2	0.5	.2	nd - .2	9/15/2005	No	Leaching from ore-processing sites; Discharge from electronics, glass, and drug factories

*Systems exceeding a lead and/or copper action level must take actions to reduce lead and/or copper in the drinking water. The lead and copper values represent the 90th percentile of all compliance samples collected. If you want information on the number of sites or the actions taken to reduce these levels, please contact your water supply operator.

Radioactive Contaminants

Contaminant (Units)	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2009)	Violation	Typical Source of Contaminant
Combined Uranium (ug/l)	30	0	0.4	0.4 - 0.4	6/10/2008	No	Erosion of natural deposits
Gross Alpha, Excl. R & U (pCi/l)	15	0	13.6	nd - 13.6	6/18/2008	No	Erosion of natural deposits
Radium, (226 + 228) (pCi/l)	5	0	4.0	1.4 - 4.0	6/10/2008	No	Erosion of natural deposits

Unregulated Contaminants

Contaminant (Units)	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2009)	Violation	Typical Source of Contaminant
Bromochloromethane (ppb)	n/a	n/a	.36	.36		No	n/a
Bromodichloromethane (ppb)	n/a	n/a	2.23	1.50 - 2.50		No	n/a
Bromoform (ppb)	n/a	n/a	.15	nd - .37		No	n/a
Chloroform (ppb)	n/a	n/a	2.85	2.70 - 3.10		No	n/a
Dibromochloromethane (ppb)	n/a	n/a	1.23	1.10 - 2.80		No	n/a
Sulfate (ppm)	n/a	n/a	199.00	27.00 - 199.00	9/15/2005	No	n/a



Some Facts about Wisconsin Water

Lakes (surface water) supply water to about 1.5 million people in 20 of Wisconsin's largest communities. Some of the water supplied to communities comes from Lake Michigan, Lake Superior or Lake Winnebago. Log onto WWW.DNR.WI.GOV for more Wisconsin Water Information