

# WATER QUALITY DATA

**Terms and Abbreviations used below:**

**Maximum Contaminant Level (MCL):** The highest level of a contaminant that is allowed in drinking water. MCL are set as close to the MCLGs as feasible using the best available treatment technology.

**Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

**N/A:** not applicable

**ND:** not detectable at testing limit

**ppb:** parts per billion per liter

**ppm:** parts per million per liter

**pCi/l:** picocuries per liter ( a measure of radiation)

**Action Level:** the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

## Regulated Contaminants

Inorganic Contaminants	MCL	MCLG	Village of Paw Paw Water	Range of Detections	Sample Date	Violation	Typical Source of Contaminant
Arsenic(ppb)	10*	0	4.2	5-5	12/4/2007	No	Erosion of natural deposits
Barium (ppm)	2	2	0.33	.129 - .33	8/28/2000	No	Erosion of natural deposits
Fluoride (ppm)	4	4	0.13	0.1 - 0.2	8/13/2007	No	Erosion of natural deposits

## Radionuclides

Combined Radium-226 & 228(pCi/l)	5	0	1.2	N/A	6/11/2001	No	Erosion of natural deposits
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## Distribution Monitoring

	MCL	MCLG	Village of Paw Paw Water	Range of Detections	Sample Date	Violation	Typical Source of Contaminant
Total Trihalomethanes (ppb)	80	NA	3	NA	7/19/2004	No	Byproduct of water Chlorination
<b>Lead and Copper</b>	<b>AL</b>	<b>MCLG</b>	<b>Village of Paw Paw Water</b>	<b>No. of sites exceeding AL**</b>			
Copper (ppm)	1.3	1.3	90 percentile***	0	6/27/2006	No	Corrosion of household plumbing systems
Lead (ppb)	15	0	2	0	6/27/2006	No	Corrosion of household plumbing systems

## Special Monitoring

Sodium(mg/L)	N/A	N/A	14	9-19	8/13/2007		
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1. The Village of Paw Paw's Drinking Water System was analyzed for at least 80 other contaminants; all analyses showed no detection.

\* These arsenic values are effective January 23, 2006. Until then the MCL is 50 PPB and there is no MCLG.

\*\*Lead/copper samples were collected from ten sampling sites and none exceeded the lead/copper action level.

\*\*\*90 percent of the samples do not exceed this level.

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