

2009 Consumer Confidence Report

LAKE HALLIE WATERWORKS, VILLAGE OF, PWS ID 60908496

Water System Information

If you would like to know more about the information contained in this report, please contact Kenneth Raether at (715) 726-2660.

The Board meets the first and third Monday of each month at the Village of Lake Hallie Town Hall at 7:00 p.m.

Health Information

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's safe drinking water hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune systems disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Environmental Protection Agency's safe drinking water hotline (800-426-4791).

Source(s) of Water

Source ID	Source	Depth (ft.)	Status
1	Groundwater	111	Active
2	Groundwater	120	Active
3	Groundwater		Active

To obtain a summary of the source water assessment please contact Kenneth Raether at (715) 726-2660.

Educational Information

The sources of drinking water, both tap water and bottled water, include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

1. Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
2. Inorganic contaminants, such as salts and metals, which can be naturally- occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
3. Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.
4. Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems.
5. Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which shall provide the same protection for public health.

Number of Contaminants Required to be Tested

This table displays the number of contaminants that were required to be tested in the last five years. The CCR may contain up to five years worth of water quality results. If a water system tests annually, or more frequently, the results from the most recent year are shown on the CCR. If testing is done less frequently, the results shown on the CCR are from the past five

Contaminant Group	# of Contaminant
Inorganic Contaminants	17
Microbiological Contaminants	2
Radioactive Contaminants	3
Synthetic Organic Contaminants including Pesticides and Herbicides	29
Volatile Organic Contaminants	20

Microbiological Contaminants

Contaminant	MCL	MCLG	Level Found	Range	Sample Date (if Prior to 2009)	Violation	Typical Source of Contaminant
Coliform (TCR)	presence of coliform bacteria in >=5% of monthly samples	0	2			YES	Naturally present in the environment

Inorganic Contaminants

Contaminant	MCL	MCLG	Level Found	Range	Sample Date (if Prior to 2009)	Violation	Typical Source of Contaminant
BARIUM (ppm)	2	2	.023	.009-.023	07/31/2008	NO	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
BERYLLIUM TOTAL (ppb)	4	4	.15	.00-.15	07/31/2008	NO	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
COPPER (ppm)	AL=1.3	1.3	.3290	0 of 40 results were above the action level.		NO	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives

FLUORIDE (ppm)	4	4	.3	.0-.3	08/20/2008	NO	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
LEAD (ppb)	AL=15	0	11.80	2 of 20 results were above the action level.	04/22/2008	*	Corrosion of household plumbing systems; Erosion of natural deposits
NICKEL (ppb)	100		2.3200	.4500-2.3200	08/06/2008	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	7.43	2.50-7.80		NO	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
SELENIUM (ppb)	50	50	6	2-6	08/20/2008	NO	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
SODIUM (ppm)	n/a	n/a	5.30	2.45-5.30	07/31/2008	NO	n/a

* 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	MCL	MCLG	Level Found	Range	Sample Date (if Prior to 2009)	Violation	Typical Source of Contaminant
COMBINED URANIUM (ug/l)	30	0	0.1	0.0-0.1	08/06/2008	NO	Erosion of natural deposits
GROSS ALPHA, EXCL. R & U (pCi/l)	15	0	4.3	2.9-4.3		NO	Erosion of natural deposits
GROSS ALPHA, INCL. R & U (n/a)	n/a	n/a	4.3	2.9-4.3		NO	Erosion of natural deposits
RADIUM, (226 + 228) (pCi/l)	5	0	3.5	3.1-3.5		NO	Erosion of natural deposits

Health Effects for any Contaminants With MCL Violations

Contaminant	Health Effect
Coliform (TCR)	Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

Additional Health Information

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask advice from your health care provider.

Definition of Terms

Term	Definition
AL	Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
MCL	Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
MCLG	Maximum Contaminant Level Goal: 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.
MFL	million fibers per lite
mrem/year	millirems per year (a measure of radiation absorbed by the body)
NTU	Nephelometric Turbidity Unit
pCi/l	picocuries per liter (a measure of radioactivity)
ppm	parts per million, or milligrams per liter (mg)
ppb	parts per billion, or micrograms per liter (ug/
ppt	parts per trillion, or nanograms per lite
ppq	parts per quadrillion, or picograms per lite
TCR	Total Coliform Rul
TT	Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water

Complete this form and return it by July 1, 2010 to your Regional DNR Drinking Water Representative at the following address: BRAD HENDERSON, DNR, 1300 W CLAIREMONT AVE BOX 4001, EAU CLAIRE, WI 54702-4001, 715-839-1636, FAX#: 715-839-6076

Include a copy of your CCR with this certification form.

2009 CCR Certification

Community Water System Name:	LAKE HALLIE WATERWORKS, VILLAGE OF
Community Water System ID:	60908496

I confirm that this system's Consumer Confidence Report has been distributed to customers as indicated below and the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the DNR.

The options for CCR distribution are based on the number of people served by the water system and are listed below. Check item(s) that were completed.

100,000 or more consumers

Required:

- CCR was posted on the Internet at: http://_____
- CCR was distributed by mail on (date): _____
- CCR available to the public upon request

10,001-99,999 consumers

Required:

- CCR was distributed by mail on (date): _____
- CCR available to the public upon request

501-10,000 consumers

Required:

- CCR available to the public upon request

Additionally, must also (choose Option 1, Option 2, or Option 3):

- Option 1:**
CCR was distributed by mail or direct delivery (date & method) _____

- Option 2:**
CCR was published in a local newspaper (attach copy & provide name & publication date) _____
AND customer was informed in newspaper, water bill or other method that CCR would not be mailed, but is available upon request (method of notification) _____

- Option 3:**
CCR was distributed by mail or direct delivery (date & method) _____
AND CCR was published in a local newspaper (attach copy & provide name & publication date) _____

500 or fewer consumers

Required:

Complete **at least one**:

- Notice provided by mail, door-to-door delivery, or by posting in an appropriate location that the report is available upon request, and will deliver by fax, mail or hand upon request.
- CCR was distributed by mail on (date): _____

In addition to the above requirements, **ALL SYSTEMS with non-bill paying consumers (e.g., renters, workers, school children from out of town, etc.)** must make good faith efforts to reach those consumers via **at least one** additional method. Check method(s) used:

- Publish the CCR in local newspaper (attach copy).
- Post the CCR in public places (attach a list of locations).
- Advertise availability upon request of the CCR (attach copy of announcement)
- Post the CCR on the Internet at: http://_____
- Mail the CCR to postal patrons within the service area. (Attach zip codes used)
- Deliver multiple copies to single bill addresses serving several persons such as: apartments, businesses, and large private employers.
- Deliver to community organizations (attach a list)
- Other (if additional methods used, attach description)

Certified by: _____ (Date)

(Name, Title)

(Date)

(Phone)

(E-mail address)