

**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director



June 5, 2012

NOTICE OF VIOLATION – ACTION REQUIRED

Certified Mail

Don Chichester
Marietta Shrine Club
Po Box 622,
Marietta, OH 45750

Washington County
Marietta Shrine Club
Non-Community, Transient PWS
PWS ID: OH8445412
Facility ID: 8459575

Subject: Violation of Maximum Contaminant Level for Nitrate

The Marietta Shrine Club is in violation for exceeding the maximum contaminant level (MCL) for nitrate in drinking water during Second Quarter of 2012. The Ohio Administrative Code (OAC) establishes an MCL of 10 milligrams per liter (mg/L) for nitrate. The average nitrate concentration was 11 mg/L for the sample(s) collected on May 25 and June 1, 2012.

As a result of receiving a MCL violation, your system must take the following actions:

1. Issue the enclosed "Drinking Water Warning" to inform customers within 24 hours from notification of the MCL violation as specified by the enclosed instructions. The enclosed public notice may be used to meet this requirement. If you wish to change the notice, contact this office prior to issuance; **AND**
2. Complete a verification form and send it with a copy of the public notice to my attention at the above mailing address within ten days of issuing a public notice; **AND**
3. Perform quarterly monitoring for nitrate during each calendar quarter (January 1 – March 31; April 1 – June 30; July 1 – September 30; October 1 – December 31).

If you have any questions or wish to revise any of the notices, please call me at (614) 644-2752.

Sincerely,

Kathleen Pinto

Compliance Assurance Section
Division of Drinking and Ground Waters

Enclosure: Public Notice; Public Notice Instructions and Verification Form; Nitrate Fact Sheet

cc: Washington County Health Department

DRINKING WATER WARNING

The Marietta Shrine Club water has high levels of nitrate

DO NOT GIVE THE WATER TO INFANTS UNDER 6 MONTHS OLD OR USE IT TO MAKE INFANT FORMULA OR JUICE

Results from water samples collected on 5/25/2012 and 6/1/2012 showed average nitrate levels of 11 mg/L. This is above the nitrate standard, or maximum contaminant level (MCL), of 10 mg/L. Nitrate in drinking water is a serious health concern for infants less than six months old.

What should I do?

- **DO NOT GIVE THE WATER TO INFANTS.** *Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome.* Blue baby syndrome is indicated by blueness of the skin. Symptoms in infants can develop rapidly, with health deteriorating over a period of days. If symptoms occur, seek medical attention immediately.
- Formula for children under six months of age should not be prepared with tap water. Instead, use bottled water or other water low in nitrates when preparing infant formula until further notice.
- **DO NOT BOIL THE WATER.** Boiling, freezing, filtering, or letting water stand does not reduce the nitrate level. Excessive boiling can make the nitrates more concentrated, because nitrates remain behind when the water evaporates.
- Adults and children older than six months can drink the tap water (nitrate is a concern for infants because they can't process nitrates in the same way adults can). However, if you are pregnant, nursing or have specific health concerns, you may wish to consult your doctor.

What happened? What is being done?

Nitrate in drinking water can come from natural, industrial, or agricultural sources (including septic systems and run-off). Levels of nitrate in drinking water can vary throughout the year. We are investigating and taking the necessary steps to correct the problem as soon as possible.

For more information, please contact:

Contact Person: _____

Phone Number: _____

Mailing Address: _____

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

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Facility ID: 8459575

Date distributed: _____