

**Environmental
Protection Agency**

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



June 8, 2011

RE: WAYNE COUNTY
KIDRON AUCTION, INC. - BARN WELL
4885 KIDRON RD., KIDRON, OH
TRANSIENT WATER SYSTEM
PWS ID# OH8539612

CERTIFIED MAIL

Mr. John Sprunger
Kidron Auction, Inc.
P.O. Box 39
Kidron, OH 44636

Subject: Notice of Violation for Failure to Respond to a Significant Deficiency

Dear Mr. Sprunger:

This letter is notification that the Kidron Auction Barn Well public water system has not complied with requirements issued during this Agency's last survey performed on March 15, 2011, in violation of rule 3745-81-60 of the Ohio Administrative Code. Kidron Auction Barn Well public water system was notified in correspondence dated April 5, 2011, to respond in writing within 30 days of receipt of your letter, with time frames for the following requirements:

REQUIREMENT

- Cross Connection Between Potable and Non-Potable Water – During the survey, we discussed our concerns about the potential cross connection between the Barn Well PWS and the feeding troughs. Additionally we observed a hose piece that terminated within a bucket on the floor. According to OAC 3745-95-04, an approved backflow prevention device shall be installed where a hazard to the PWS exists. Non-potable water (water that is not intended for human consumption) would be considered to be a health hazard. Per OAC 3745-95-05(A)(1), the preferred backflow preventor for this type of hazard is an air gap separation. The air gap separation would ensure that in the unlikely event that a flow reversal caused by pumping in the distribution occurred, that the Barn Well PWS remains protected from contamination. The air gap separation at the troughs can occur if the water free falls into the troughs, a minimum of 2 times the diameter of the filler above the trough's flood rim elevation. The air gap separation between the hose piece and the bucket can be achieved by removing the bucket, disconnecting the hose piece, or

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using a hose piece that terminates a minimum of 2 times the diameter of the hose above the bucket's flood rim elevation.

If an air gap cannot be established, a reduced pressure principle or reduced pressure detector check assembly device can be installed along this line. Please be advised that if a backflow prevention device is installed, it must be tested yearly by a certified backflow specialist. We strongly recommend reviewing your options with a well expert to evaluate your best option.

RECOMMENDATION:

- Sprinkler Isolation – As we understand, water from your PWS serves a sprinkler system. If you have not done so already, please check with Mr. Cliff Hartley, Certified Plumbing Inspector for Wayne County, at (330) 264-2426 to see if there are the proper isolation devices to prevent any possible backflow contamination from occurring within the existing potable water of the PWS.

The water system must respond in writing within 15 days from the date of this letter with the required information. Failure to comply may result in further enforcement action.

If you have any questions, please contact me at (330) 963-1194.

Sincerely,



Beth Madis
Environmental Specialist
Division of Drinking and Ground Waters

BRM:dms

pc: C.O. – Ohio EPA, DDAGW, OFAS
Wayne County Health Dept.