



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

January 13, 2012

RE: WAYNE COUNTY
SOUTHSIDE INVESTMENTS,
KIDRON ELECTRIC
5358 KIDRON RD., KIDRON, OH
NON-TRANSIENT, NON-COMMUNITY
PUBLIC WATER SYSTEM
PWS ID # OH8540212
STU ID # 8559693

Mr. Art Neuenschwander
Kidron Electric, Inc.
P.O. Box 248
Kidron, OH 44636

CERTIFIED MAIL

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

Dear Mr. Neuenschwander:

This letter is notification that the Kidron Electric, Inc. PWS has not complied with requirements issued during this Agency's last survey performed on November 17, 2010, in violation of rule 3745-81-60 of the Ohio Administrative Code. Kidron Electric, Inc. PWS was notified in correspondence dated December 6, 2010, to respond in writing within 30 days of receipt of your letter, with time frames for the following requirements:

Previous Requirements:

The following required items were noted in the last inspection report dated May 3, 2006, as being deficient. The following is a summary of the requirements and notation as to whether they have or have not been adequately addressed.

- Detail Plans – OAC Chapter 3745-91 requires submission and approval of detail plans prior to the construction or installation of a PWS or for any substantial change to the PWS. Detail plans have never been approved for this PWS. During the previous survey, we noted water treatment equipment that was not present during the survey conducted in 2002. We stated that detail plans will need to be submitted for the water treatment equipment.

In violation of these rules, detail plans still have not been submitted for your water treatment equipment. Enclosed are instructions for detail plan submission. Please submit detail plans, along with the appropriate review fee, to this office within 45 days of receipt of this letter.

- Air Gap – During the previous survey, I noticed that the discharge line from the softener extends below the flood rim of a sewer line riser. An air gap separation is needed. According to Ohio EPA's Backflow Prevention and Cross Connection Control guidance document, the air gap separation distance between the flood rim of the drain and the softener's discharge line should be at least twice the pipe diameter of the discharge line. This will prevent contaminated water from back-siphoning into the public water system should a vacuum occur.

In violation of this rule, an air gap separation was not created. Please create a proper air gap separation between your softener discharge line and the sewer line riser.

Other Requirements:

Per OAC 3745-81-60(D), a responsible official of the public water system must respond, in writing, within 45 days, indicating how and on what schedule the system will address the following requirements determined as a result of the sanitary survey:

- Operation and Maintenance Record-Keeping – In accordance with OAC 3745-07-09(A),

"The owner and operator of record of a public water system, treatment works or sewerage system shall maintain or cause to be maintained operation and maintenance records for each public water system, water treatment plant within a public water system, treatment works, or wastewater treatment facility within a treatment works. Some of the formats in which the records may be maintained include, but are not limited to, hard bound books with consecutive page numbering, time cards, separate operation and maintenance records, or well organized computer logs.

1. The records shall be housed and maintained in such a manner as to be protected from weather damage and guarantee the authenticity and accuracy of the records contained within.
2. The records shall be accessible onsite for twenty-four hour inspection by agency or emergency response personnel.
3. At a minimum, the following information shall be recorded:
 - a) Identification of the public water system, sewerage system, or treatment works;
 - b) Date and times of arrival and departure for the operator of record and any other operator required by this chapter;

- c) Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced;
- d) Results of tests performed and samples taken, unless documented on a laboratory sheet;
- e) Performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced; and
- f) Identification of the persons making entries."

Please notify this office about how you intend to maintain your records.

RECOMMENDATION(S)

The following deficiencies are not regulatory violations, but are actions that are recommended by this Agency for optimum operation and to reduce the potential for future violations or contamination:

- SWAP – The 1996 Amendments to the Safe Drinking Water Act require Ohio EPA to conduct source water assessments for all public water systems. The assessment of your water system will assist you in identifying the potential threats to your water supply, and help you develop protective strategies for your water supply. These reports contain checklists of protective strategies for contaminant sources identified within the report. The reports also identify the susceptibility of your sources to contamination. A SWAP report was issued to your PWS on January 29, 2004, and identified the susceptibility of your source to contamination as **low**.

A second copy of this report was left with Mr. Baker during the survey. Please review your report and complete the checklists of protective strategies. Return the checklist to this office within 45 days of this letter date. Specific questions that you may have about the SWAP report can be answered by contacting Kathie Epp at (330) 963-1233.

- Raw Water Tap – We recommend that a sample tap be installed upstream of the pressure tank so that a raw water sample representative of the well can be obtained. If a routine sample result should be reported as total coliform positive, and some or all of the required repeat sample results are also positive, this raw water sample will assist in determining if the bacteria is coming from the well. In addition, the new Ground Water Rule, which will affect most PWSs and became

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effective December 1, 2009, will require that when a total coliform positive result is received from the distribution system, a sample must be collected from the well. This sample tap should be located before the pressure tank, at a location that is easily accessible and where the sample bottle can easily be filled up. The tap should be smooth-nosed (not the type used for a hose) and produce a smooth, pencil-thin flow of reasonable velocity.

Please note that I also visited with your operator, Mr. Jon Baker, on June 14, 2011, to inquire about the response and was assured I would hear back from your PWS within 30 more days.

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:ams

cc: Ohio EPA, Central Office, DDAGW / OFAS
Wayne County Health Department