



State of Ohio Environmen



Northeast District Office

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Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

October 9, 2009

RE: MAHONING COUNTY  
DIAMOND BACK GOLF COURSE  
9399 LEFFINGWELL RD., CANFIELD, OHIO  
TRANSIENT WATER SYSTEM  
PWS ID # OH5036212  
STU ID # 5056044

Mr. George Playforth  
Diamond Back Golf Course  
P.O. Box 139  
Ellsworth, OH 44416

**CERTIFIED MAIL**

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

Dear Mr. Playforth:

This letter is notification that the Diamond Back Golf Course public water system has not complied with requirements issued during this Agency's last survey performed on May 27, 2009, in violation of rule 3745-81-60 of the Ohio Administrative Code. Diamond Back Golf Course public water system was notified in correspondence dated June 25, 2009, to respond in writing within 45 days of receipt of your letter, with time frames for the following requirements:

**REQUIREMENT(S):**

- Operations – You have a water softener and filter as part of your PWS. During the survey, I noticed that the discharge line from the softener extends into a bermed shower stall. Both Recommended Standards for Water Works (2003 Edition) Section 4.4.2.9 and Guidelines for Design of Small Public Ground Water Systems (3<sup>rd</sup> Edition) Section 4.3(B)(4) cite the need for backwash discharge pipes to be installed in such a manner to prevent backsiphonage of brine waste. The discharge cannot extend into the sewer line; 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.
- NSF Chemicals – Your PWS uses salt and chlorine in the treatment of your water. According to OAC 3745-83-01(D),

"All chemicals, substances, and materials added to or brought in contact with water in or intended to be used in a public water system or used for the purpose of treating, conditioning, altering, or modifying the characteristics of such water shall be shown by either the manufacturer, distributor, or purveyor to be non-toxic and harmless to humans when used in accordance with the formulation and concentration as specified by the manufacturer, and shall conform with the "American National

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Standards Institute/National Sanitation Foundation" (ANSI/NSF) standard 60 Drinking Water Treatment Chemicals – Health Effects (2005 and previous), or standard 61 Drinking Water System Components - Health Effects (2005 and previous)."

Please ensure the salt you are using conforms to these standards.

**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:

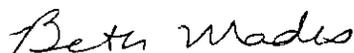
- SWAP – The 1996 Amendments to the Safe Drinking Water Act require Ohio EPA to conduct source water assessments for all public water systems. The assessment of your water system will assist you in identifying the potential threats to your water supply, and help you develop protective strategies for 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 June 16, 2005, and identified the susceptibility of your source to contamination as low.

A second copy of this report was given to Mr. Snyder 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 Conni McCambridge at (330) 963-1200.

**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 Kathy Metropulos at (330) 963-1149.

Sincerely,



Beth Madis  
Environmental Specialist  
Division of Drinking and Ground Waters

BRM/ams

cc: Ohio EPA, Central Office, DDAGW / OFAS  
Mahoning County Health Department  
ec: Kathy Metropulos, Ohio EPA, NEDO, DDAGW