



**Environmental
Protection Agency**

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



NOTICE OF VIOLATION – ACTION REQUIRED

July 10, 2012

Mr. Richard Seckler
North Shore Estates MHP
2913 North Island Circle
Port Clinton, Ohio 43452

Ottawa County
North Shore Estates MHP
Transient Non-Community PWS
PWS ID: OH6202512

Dear Mr. Seckler:

The Public Water System serving North Shore Estates MHP is in violation of the Ohio Administrative Code (OAC) rule 3745-81-60 for failure to respond in writing within 30 days to a significant deficiency. The North Shore Estates MHP public water system (PWS) was notified in correspondence dated March 15, 2012, of the requirements to respond in writing within 30 days, with a schedule of corrective actions to address the following:

1. OAC rule 3745-81-21 (A) states that “public water systems shall collect total coliform routine samples at sites which are representative of water throughout the distribution system according to a written sample siting plan. Such plans are subject to review and revision by the director...”

Your written bacterial sample siting plan was not available during the on-site sanitary evaluation survey.

The PWS must complete its written bacterial sample siting plan in accordance with Chapter 3745-81 of the Administrative Code and then submit a completed copy to this office. A template of the required bacterial sample siting plan was left during the survey for your convenience. The PWS should periodically revise and update this plan as appropriate. **The plan must be made available for review during sanitary surveys in accordance with OAC rule 3745-81-21.**

2. OAC rule 3745-9-05 (P) states that “a well shall have a well cap or seal to prevent the entrance of water, dirt, animals, insects, or other foreign matter... The cap or seal shall fit securely to the top of the well casing, be secured with screws or other appropriate connections, and vent to the atmosphere... Electrical conduit connections on the well cap... shall be threaded and sealed to prevent the entrance of insects and water. A well cap for a public water system shall conform with ‘Water System Council Pitless Adapter Standard PAS-97, Performance Standards for Sanitary Water Well Pitless Adapters, Pitless Units, and Watertight Well Caps’ (1997), or with an alternative standard acceptable to the director.”

OAC rule 3745-9-05 (T) states that “a vent shall be provided on all well caps and seals... A well vent shall be self-draining, screened with a noncorroding mesh screen of fifteen to thirty mesh, pointed downward at or above the top of the casing... A vent shall terminate not less than twelve inches above ground surface, and at least twelve inches above the well house floor or concrete apron surface.”

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The evaluation found that the casing of Well #1 had a well seal that was much corroded and was not tightly secured to the well casing. Half of the well casing seal was easily removed by hand. A screened atmospheric vent was also missing.

The PWS must provide an appropriate well cap or seal for the well that meets present day standards, including an atmospheric vent which has a noncorroding mesh screen of fifteen to thirty meshes, pointed downward, and does not terminate less than twelve inches above the well house floor. The well cap or seal must fit securely to the top of the well casing.

3. OAC rule 3745-9-01 (B) states that an "abandoned well means a well, test hole, or dry hole whose use has been permanently discontinued."

OAC rule 3745-9-10 (A) states that "an abandoned well shall be sealed in accordance with this rule and rule 3745-9-07 of the Administrative Code."

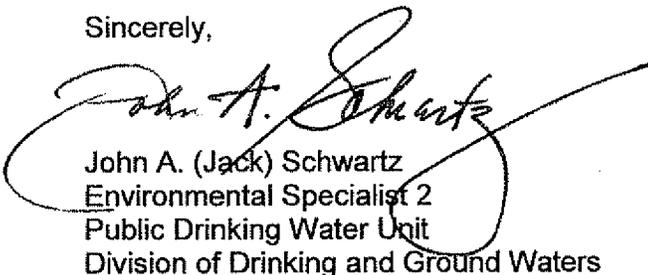
There was an abandoned well observed near the restroom/shower building and the old owner's house. That unused well has not been used for several years but may be used for irrigation purposes in the future.

The PWS must decide whether or not the unused well is to be used for irrigation purposes. If the well is to be used for irrigation purposes, then it must be reactivated. Remember that the unused well is not to be connected in any way to the potable (public) water distribution system.

If not, then the PWS must have a certified well driller properly seal the unused well in accordance with Chapter 3745-9 of the Administrative Code. Proper abandonment of wells is essential to protecting ground water resources.

If you have any questions regarding the sanitary evaluation survey, this letter, or any other matter involving your public water system, then please feel free to contact me directly at this office (419) 373-3088 or on the web at <jack.schwartz@epa.state.oh.us>.

Sincerely,



John A. (Jack) Schwartz
Environmental Specialist 2
Public Drinking Water Unit
Division of Drinking and Ground Waters

JAS/cg

Lisa Seckler, Co-Owner
Ottawa County Health Department
Andrew Barienbrock, DDAGW, O&FA, CO
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