



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



## NOTICE OF VIOLATION – ACTION REQUIRED

September 4, 2013

Mr. Emil Dean  
Twin Maples MHP  
30266 Bradner Road  
Northwood, Ohio 43619

Wood County  
Twin Maples MHP  
Community PWS  
PWS ID: OH8702712

Dear Mr. Dean:

The Public Water System serving Twin Maples MHP is in violation of the Ohio Administrative Code (OAC) for:

This letter is notification that the Twin Maples MHP has not complied with requirements issued during this Agency's last survey performed on May 22, 2013, in violation of rule 3745-81-60 of the Ohio Administrative Code. The PWS was notified in correspondence dated June 19, 2013, to respond in writing no later than 30 days, with time frames for the following requirements:

1. OAC Rule 3745-83-01(D) states, "All chemicals, substances, and materials added to or brought in contact with water in or intended to be used in a public water system... 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 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)".

Replace the Clorox with a NSF 60 approved 12.5 – 15% sodium hypochlorite.

*The Clorox was replaced with a 12.5% pool sanitizer chlorination solution that is not NSF approved. Replace the pool sanitizer solution with a NSF 60 approved sodium hypochlorite solution.*

2. OAC Rule 3745-83-01(I)(1) states, "In addition to any other reporting requirement of Chapter 3745-81 of the Administrative Code, the owner or operator of a public water system required to monitor under paragraphs (G) and (H) of this rule shall prepare and submit an operation report for each month of operation on forms acceptable to the director.

The director may require that the report include the following: (a) General operation data, including but not limited to, identification of the operating source at a given time, number of hours of operation, filter run times, backwash duration, filter backwash recycle percentages, head loss, interruptions in treatment, equipment inspection/maintenance dates, minimum system pressure, pre and intermediate tap sampling results, and deviations from normal day-to-day operations; (b) A summary of samples analyzed, including distribution system sampling and chlorine residual sampling; (c) Information on daily water treatment and system pumpage; (d) Information on chemical application, including but not limited to, chemical feed pump ranges, chemical dosages, chemical feed rates, pre, intermediate or post treatment application changes in chemical type, location, and dosage due to emergencies, and seasonal variations; (e) Analysis of general parameters relating to the quality of the treated drinking water; (f) Source water levels, including but not limited to, low and high levels in flowing in streams, lakes and reservoirs, static and drawdown levels in production and monitoring wells under any conditions including flooding and drought periods; (g) Such other information as may be necessary or desirable for the director to carry out the director's duties under Chapter 6109. of the Revised Code.

Maintain daily bench sheets which reflect the chemical dosage and total quantity of chlorine used daily by the water system. .

*Determine the total quantity of chlorine used daily by the water system and maintain the chemical dosage on bench sheets.*

3. OAC Rule 3745-9-05(P) states, "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, distribution system, water treatment plant within a public water system, sewerage 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.

(4) The records shall be kept up to date, contain a minimum of the previous three months of data at all times, and be maintained for at least three years."

Maintain a log book for operations and maintenance records and place it in the water plant. The operator of record must record the date and times of arrival and departure.

*The operator of record must maintain a log book and keep it at the public water system. The log book must include the information referenced in the rule above. The operator of record must record the date and times of arrival and departure.*

4. OAC Rule 3745-85-01 (B) states, "Each community water system shall prepare and maintain a written contingency plan for providing safe drinking water to its service area under emergency conditions." In addition, OAC Rule 3745-85-01(C)(1) states, "One copy of the contingency plan shall be kept at the water treatment plant, if there is a plant, and another shall be kept in the water administrator's office." In addition, OAC Rule 3745-85-01 (E)(1) states that, "The contingency plan... shall be revised and updated as necessary but at least annually."

Update the written contingency plan at least annually. A copy of the revised plan shall be located in the water plant and available for inspection during survey by our agency. In addition, provide a copy of the revised plan to your certified operator, and if requested, county emergency management agency (EMA).

*A contingency plan must be prepared and be available for inspection by Ohio EPA.*

5. OAC Rule 3745-81-21 states, "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."

Place a copy of your bacteria sample siting plan in the water plant. Ensure that the plan is available for inspection during surveys by our agency.

*A Siting Plan for Total Coliform monitoring was not on file. A template for a sample siting plan was provided to you on the day of the survey. Complete the template and file a copy of the siting plan at the public water system.*

6. OAC Rule 3745-9-05(P) states "Electrical conduit connections on the well cap or seal shall be threaded and sealed to prevent the entrance of insects and water. A well cap for a public water system well 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."

*Repair or replace the electrical conduit connection with a threaded or sealed connection.*

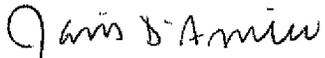
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7. OAC Rule 3745-9-05(T) states "A vent shall be provided on all well caps and seals ... A well vent shall be self-draining, screened with a noncorroding mesh screen of fifteen to thirty mesh, pointed downward at or above the top of the casing or pitless unit. A vent shall terminate not less than twelve inches above ground surface."

*Replace the well cap with one that includes a screened vent and meets OAC Rule 3745-9-05(T).*

If you have any questions, please contact me at (419) 373-3108 or by e-mail at [janis.damico@epa.ohio.gov](mailto:janis.damico@epa.ohio.gov).

Sincerely,



Janis D'Amico  
Division of Drinking and Ground Waters

/cg

pc: DDAGW – NWDO

ec: Ohio Manufactured Homes Commission