



**Environmental  
Protection Agency**

John P. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott C. Smith, Director

December 27, 2011

RE: GEAUGA COUNTY  
BLOSSOM HILL CARE CENTER  
COMMUNITY WATER SYSTEM  
PWS ID #2800212

Mr. David Gray  
12496 Princeton Road  
P.O. Box 369  
Huntsburg, OH 44046

**SUBJECT: NOTICE OF VIOLATION OF THE CHLORINE RESIDUAL**

Dear Mr. Gray:

This office has received the monthly operating reports (MOR form 5002) for October and November from the Blossom Hill Care Center Public Water System. The MOR is provided as a means to relay compliance information about the operation of the water treatment plant. Operational monitoring is conducted throughout the month to test the treatment effectiveness of the water plant. Since Blossom Hill Care Center treats its water by chlorine injection (disinfection), you are required to conduct monitoring for chlorine residuals.

Please note the following violation:

- At least one sample each day is required to be analyzed for free chlorine and combined chlorine. This is required by the Ohio Administrative Code. In accordance with Ohio Administrative Code (OAC) 3745-83-01(G)(1) and (2). Free Chlorine residual must remain above 0.2 mg/L or combined chlorine must be above 1.0 mg/L in the distribution system in accordance with OAC 3745-83-01(C)(1). Chlorine must also remain below the MRDL of 4.0 mg/L in accordance with OAC Rule 3745-81-10(C).

In the October 2011 monthly operating report, the free chlorine levels were below 0.2 mg/L and the combined chlorine residual was below 1.0 mg/L a total of 27 days. In the November 2011 monthly operating report, the free chlorine levels were below 0.2 mg/L and the combined chlorine residual was

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below 1.0 mg/L a total of 30 days, which was every day in the month. **Free chlorine residuals must remain above 0.2 mg/L or combined chlorine residual must remain above 1.0 mg/L** in accordance with the regulations, and for proper disinfection to occur. The safety of the water cannot be guaranteed when chlorine residuals are below 0.2 mg/L free chlorine or 1.0 mg/L combined chlorine.

If you have any questions regarding this correspondence, or if you need any assistance, please contact me at (330) 963-1149 or at my e-mail address, [Kathy.metropulos@epa.state.oh.us](mailto:Kathy.metropulos@epa.state.oh.us).

Sincerely,



Kathy Metropulos  
Environmental Specialist  
Division of Drinking and Ground Waters

KM:ds

pc: Geauga County Health Department  
Dave Evans, Ohio EPA, DDAGW, CO