



State of Ohio Environmental Protection Agency

STREET ADDRESS:

**Central District Office**

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P.O. Box 1049  
Columbus, OH 43216-1049

July 22, 2008

**Re: Pickaway County  
City of Circleville  
Community Water System  
PWS ID No. 6500412**

Mr. Ron Stephens  
Water Plant Superintendent  
City of Circleville  
663 Island Road  
Circleville, OH 43113

Dear Mr. Stephens:

This letter serves as a notice of violation to the Circleville Public Water System for violating Ohio Administrative Code (OAC) 3745-91, for exceeding the water treatment plant's approved capacity as stipulated in the May 2, 1991, plan approval no. CD-381-WS

In the early morning of June 22, 2008, the City of Circleville water treatment plant exceeded its rated capacity through the filtration units. According to plan approval no. CD-381-WS, the rated capacity with all six filters in service is 2780 gpm. At approximately 12:30 AM, the water treatment plant exceeded this capacity by producing 2750 gpm with only five filters in service and continued to exceed capacity at 1:30 AM, by producing 3550 gpm with all six filters online. The operator's log from that morning stated that phone calls were received from Terry Elliott, Circleville Service Director, and Charles Taylor, Circleville Mayor, requesting an increase in water production because of a fire that was occurring in town. The chart recordings for both towers showed that each tower was over 50 percent full during this time frame and there was no need for your facility to exceed approved capacity.

During my January 29, 2008 visit at your facility, it was reported that filter number one was removed from service at the request of Mayor Taylor. If filter number one remains offline, the rated capacity through your facility is reduced to 2315 gpm (3.33 MGD). You must continue to run a backwash cycle on filter number one prior to replacing it back into service. It is recommended by this office that the media in the filters not be removed until the city receives approval by the director of the plans submitted to my office on July 18, 2008. The submitted plans are for greensand media replacement and a sodium permanganate feed system. If existing media is removed, the bed(s) are to remain empty until plan approval is obtained. Due to the plan approval being subject to special conditions, it would be prudent

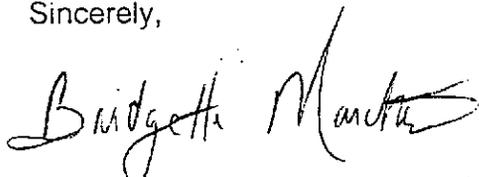
Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

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of the city not to remove the existing media until project bids are obtained and a greensand delivery date issued so the filter bed(s) do not remain empty for any significant duration. As a reminder, according to OAC 3745-07-09, my office is to be notified whenever the treatment facility exceeds its rated capacity.

If you have any questions regarding this letter, please feel free to contact me at (614) 728-3870 or via email at [bridgette.marchio@epa.state.oh.us](mailto:bridgette.marchio@epa.state.oh.us).

Sincerely,



Bridgette Marchio  
Environmental Specialist  
Division of Drinking and Ground Waters  
Central District Office

c: Chuck Taylor, Mayor, City of Circleville  
David Crawford, Circleville Council President  
Terry Elliott, Circleville Service Director  
Susan Hampton, CDO  
Central Office/DDAGW/CMCU  
CDO File