



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

November 2, 2012

RE: GEAUGA COUNTY
THE TREES CONDOMINIUM
COMMUNITY WATER SYSTEM
PWS ID#OH2803212

Mr. Tom Learn
Troy Oaks Homes
17989 Shaw Road
Hiram, OH 44234

SUBJECT: NOTICE OF VIOLATION OF THE SECONDARY CONTAMINANT STANDARDS

Dear Mr. Learn:

This office has received the August and September, 2012 *Monthly Operating Reports (MOR form 5002)* from Troy Oaks Homes. 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 Troy Oaks Homes treats its water for iron and manganese removal, you are required to conduct monitoring for iron, manganese, and report iron and manganese levels in finished water on the *Monthly Operating Report*.

Please note the following violations:

At least one sample each week for iron and manganese is required to be analyzed by a certified laboratory. In accordance with Ohio Administrative Code (OAC) 3745-82-02, plant tap iron levels must remain at or below the secondary maximum contaminant level (MCL) of 0.3 milligram per liter (mg/L) at all times. Plant tap manganese levels must remain at or below the secondary MCL of 0.05 mg/L at all times.

On the August and September, 2012 MORs, the iron and manganese levels exceeded the secondary maximum contaminant level as summarized in the following table:

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Sample Collection Date	Iron Results in mg/L	Manganese Results in mg/L
8/7/12	0.31	
8/14/12	0.36	0.076
8/21/12	0.4	
8/28/12		0.864
9/4/12	0.89	0.09
9/11/12	0.49	0.07
9/18/12	0.35	0.06
9/25/12	0.36	

These most recent iron and manganese levels may indicate that the equipment is not operating effectively and should be adjusted immediately.

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.

Sincerely,



Kathy Metropulos
Environmental Specialist
Division of Drinking and Ground Waters

KM:ds

pc: Kim Etters, Ohio EPA, DDAGW-DW, NEDO
Geauga County Health Department