



**Environmental  
Protection Agency**

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

August 9, 2011

RE: GEAUGA COUNTY  
RUSTIC PINES MOBILE HOME PARK  
COMMUNITY WATER SYSTEM  
PWS ID #OH2802112

Ms. Julie Vantaggi  
Rustic Pines Mobile Home Park  
6 Corporation Center  
Broadview Heights, OH 44147

RE: NOTICE OF VIOLATION OF THE SECONDARY CONTAMINANT STANDARDS

Dear Ms. Vantaggi:

This office has received the monthly operating reports (MOR form 5002) for March, April, May and June from the Rustic Pines Mobile Home Park. 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 Rustic Pines treats its water by filtration for iron and manganese removal, and adds chlorine as a disinfectant, you are required to conduct monitoring for iron, manganese, and chlorine residual.

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 March 2011, April 2011, May 2011 and June 2011 MOR, the iron and manganese levels were reported as summarized in the following table:

<b>Sample Collection Date</b>	<b>Iron Results (mg/L) (MCL = 0.3 mg/L)</b>	<b>Manganese Results (mg/L) (MCL = 0.05 mg/L)</b>
March 4, 2011	2.695	0.764
March 11, 2011	2.49	0.81
March 16, 2011	2.59	0.83
March 25, 2011	2.31	0.799
April 1, 2011	2.43	0.861
April 8, 2011	2.26	0.739
April 13, 2011	2.24	0.746
April 21, 2011	2.34	0.852
April 29, 2011	1.06	0.8
May 6, 2011	1.22	0.748
May 11, 2011	1.5	0.717
May 20, 2011	2.24	0.701
May 27, 2011	1.96	0.609
June 3, 2011	1.72	0.662
June 10, 2011	0.757	0.772
June 16, 2011	2.4	1.16
June 24, 2011	1.41	0.868

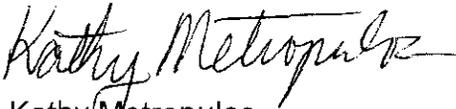
Please note that over the past twelve months, average sample results for iron have exceeded the secondary maximum contaminant level, and over the past 1.75 years, all results for manganese have exceeded the secondary maximum contaminant level. This is in violation of detail plan approval, dated August 22, 2006 and OAC Rule 3745-91-02.

These iron and manganese levels indicate that the equipment is not operating effectively and should be adjusted or replaced immediately. Detail plans to upgrade the water treatment system have been submitted, and have been approved by the director on July 6, 2011. Please move forward in implementing water system improvements immediately, and contact me when construction is completed so that I may conduct a site visit.

RUSTIC PINES MOBILE HOME PARK  
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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 Bornino, Ohio EPA, DDAGW, CO