



**Environmental
Protection Agency**

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



April 15, 2011

RE: GEAUGA COUNTY
RUSTIC PINES MOBILE HOME PARK
COMMUNITY WATER SYSTEM
PWS ID #2802112
STU ID #2854283

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

SUBJECT: NOTICE OF VIOLATION OF THE SECONDARY CONTAMINANT STANDARDS

Dear Ms. Vantaggi:

On March 10, 2011, this office received the February 2011 Monthly Operating Report (MOR form 5002) 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 February 2011 MOR, the iron and manganese levels were reported as summarized in the following table:

Sample Collection Date	Iron Results (mg/L) (MCL = 0.3 mg/L)	Manganese Results (mg/L) (MCL = 0.05 mg/L)
February 4, 2011	1.31	0.71
February 10, 2011	1.03	0.675
February 16, 2011	1.28	0.685
February 25, 2011	1.79	0.685

RUSTIC PINES MOBILE HOME PARK
APRIL 15, 2011
PAGE 2 OF 2

Please note that over the past eight months, average sample results for iron have exceeded the secondary maximum contaminant level, and over the past 1.5 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. It is my understanding that you are in the process of submitting detail plans to upgrade the water treatment system. These plans must be submitted as soon as possible.

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: Geauga County Health Department
Dave Bornino, DDAGW-CO