

**Environmental
Protection Agency****Governor
Lt. Governor
Director**

September 30, 2011

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

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:

This office has received the monthly operating reports (MOR form 5002) for July and August 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 July 2011 and August 2011, 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)
7-1-11	1.33	0.748
7-8-11	3.74	0.999
7-14-11	1.75	0.818
7-22-11	2.0	0.878
7-29-11	2.15	0.886
8-5-11	2.32	0.973
8-11-11	1.85	0.948
8-19-11	2.75	0.887
8-26-11	1.96	0.933

Please note that over the past fourteen months, average sample results for iron have exceeded the secondary maximum contaminant level, and over the past two 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.

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, Ohio EPA, DDAGW, CO