



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

June 27, 2013

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

**SUBJECT: NOTICE OF VIOLATION OF THE SECONDARY CONTAMINANT  
STANDARDS - MANGANESE**

Dear Ms. Vantaggi:

This office has received the monthly operating reports (MOR form 5002) for February, March, April, and May 2013 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.

**Manganese**

Please note the following violations:

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

For February, March, and April 2013, manganese levels were reported as summarized in the following table:

Sample Collection Date	Manganese Results (mg/L) (MCL = 0.05 mg/L)
February 1, 2013	1.21
February 8, 2013	1.35
February 14, 2013	0.392
February 21, 2013	0.653
March 1, 2013	0.581
March 8, 2013	0.219
March 13, 2013	1.62
March 29, 2013	0.326
April 5, 2013	0.598
April 12, 2013	0.162

The results indicate that your system did not adequately remove manganese in February, March and April 2013. All but one Manganese value was acceptable in May 2013.

Rustic Pines MHP has been working to improve the manganese levels at the water treatment plant. **Please continue to implement strategies to keep the manganese levels below the secondary maximum contaminant levels.**

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.ohio.gov](mailto:kathy.metropulos@epa.ohio.gov).

Sincerely,



Kathy Metropulos  
Environmental Specialist  
Division of Drinking and Ground Waters

KM:ds

pc: Geauga County Health Department  
Lyn Makeever, Class 1 Operator  
Bob Davis, Class A Operator  
Kim Ethers, Ohio EPA, DDAGW, NEDO

ec: Gary Whitaker, OMHC