



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



June 27, 2013

RE: GEAUGA COUNTY
JACQUES MOBILE HOME PARK
COMMUNITY WATER SYSTEM
PWS ID #OH2801412

Ms. Lynn Granata
990 Beach Ave, Suite 114
Vancouver, BC V6Z2N9

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

Dear Ms. Granata:

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

Iron and Manganese

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 shall 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 shall remain at or below the secondary MCL of 0.05 mg/L at all times.

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

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| Sample Date | Collection | Iron Results (mg/L) (MCL = 0.3 mg/L) | Manganese Results (mg/L) (MCL = 0.05 mg/L) |
|----------------|------------|---|---|
| March 5, 2013 | | 0.34 | 0.03 |
| March 12, 2013 | | 0.45 | 0.037 |
| March 19, 2013 | | 0.79 | 0.044 |
| March 26, 2013 | | 0.79 | 0.044 |
| April 1, 2013 | | 0.48 | 0.05 |
| April 9, 2013 | | 0.81 | 0.08 |
| April 16, 2013 | | 0.27 | 0.075 |
| April 23, 2013 | | 0.26 | 0.062 |
| May 14, 2013 | | 0.86 | 0.08 |
| May 28, 2013 | | 0.31 | 0.033 |

The results indicate that your system is not adequately removing manganese in April 2013, and iron on a consistent basis in all three months. The results must be below 0.3 mg/L for iron, and 0.05 mg/L for manganese in accordance with OAC Rule 3745-82-02. Please note that in March and May of 2013, all but one manganese value was within the secondary maximum contaminant level.

Jacques MHP began looking into solutions for this issue. Please update Ohio EPA with the latest progress. Please note that this issue must be resolved. **Jacques MHP must implement strategies to bring the iron and 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.

Sincerely,



Kathy Metropulos
Environmental Specialist
Division of Drinking and Ground Waters

KM:ds

pc: Geauga County Health Department
Carolyn Loschiavo
Josh Goodridge, Certified Operator
Kim Eters, Ohio EPA, DDAGW, NEDO

ec: Gary Whitaker, OMHC