



# DEPARTMENT OF HEALTH

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Commissioner of Health

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**Steven M. Neuhaus**

County Executive

September 5, 2024

SOUTH BLOOMING GROVE MAYOR & VLG BOARD

P.O. BOX 295

BLOOMING GROVE, NY 10914

Re: **NOTICE OF VIOLATIONS**  
Violation ID: 2024 12086 & 12087  
South Blooming Grove Village WD 1  
Federal ID: NY3510641

Dear Water Supplier:

This is a notice of violations for the above captioned water supply due to exceeding the Maximum Contaminant Levels (MCL) for TOTAL IRON (0.453 mg/l, MCL = 0.3 mg/l) & TOTAL MANGANESE (0.304 mg/l, MCL = 0.3 mg/l) for the period 7/1/2024 to 9/30/2024 collected from the Merrieworld Entry Point, in accordance with Section 5-1.50 of the N.Y.S. Sanitary Code. These violations are also being reported to the NYSDOH and USEPA.

You are required to perform Public Notification for this violation, including mailing/hand delivery within 30 days in accordance with the Public Notification Rule. Please refer to the attached information and template. You may also refer to EPA's website for additional information (<http://www.epa.gov/safewater/pn.html>). The notifications must clearly explain the violation that has occurred and what steps are being taken to address the problem. Verification of all notifications performed must be forwarded to this office as soon as possible.

**Public Notification (including hand delivery/mailing) due by: October 5, 2024**

You are reminded that information regarding these violations must also be included in your Annual Water Quality Report.

If there are any questions, please contact our department at (845) 291-2331.

Regards,

Steven Gagnon, M.P.H., P.E.  
Principal Public Health Engineer

cc: Christopher Finnegan, Designated Operator  
File

Attachment

# **IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER**

## **SOUTH BLOOMING GROVE WATER Has Levels of IRON Above Drinking Water Standards**

Our water system recently violated drinking water standards. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Testing results we collected during the 3rd quarter of 2024 (7/1/2024 to 9/30/2024) show that our system exceeds the standards, or maximum contaminant levels (MCL), for IRON and MANGANESE collected at the entry point. The MCL for Iron is 0.3 mg/l. Iron was found at levels of 0.453 mg/l. The MCL for Manganese is 0.3 mg/l. Manganese was found at levels of 0.304 mg/l.

### **What should I do?**

**You do not need to use an alternative (e.g., bottled) water supply.** However, if you have specific health concerns, consult your doctor.

### **What does this mean?**

Iron is essential for maintaining good health. However, too much iron can cause adverse health effects. Drinking water with very large amounts of iron can cause nausea, vomiting, diarrhea, constipation, and stomach pain. These effects usually diminish once the elevated iron exposure is stopped. A small number of people have a condition called hemochromatosis, in which the body absorbs and stores too much iron. People with hemochromatosis may be at greater risk for health effects resulting from too much iron in the body (sometimes called "iron overload") and should be aware of their overall iron intake. The New York State standard for iron in drinking water is 0.3 milligrams per liter, and is based on iron's effects on the taste, odor and color of the water.

Manganese is a common element in rocks, soil, water, plants, and animals. Manganese occurs naturally in water after dissolving from rocks and soil. Contamination of drinking water may occur if manganese gets into surface or groundwater after dissolving from rocks and soil. It may also occur if manganese gets into surface or groundwater after improper waste disposal in landfills or by facilities using manganese in the production of steel or other products.

Manganese is an essential nutrient that is necessary to maintain good health. However, exposure to too much manganese can cause adverse health effects. There is some evidence from human studies that long-term exposure to manganese in drinking water is associated with nervous system effects in adults (e.g., weakness, stiff muscles and trembling of the hands) and children (learning and behavior). The results of these studies only suggest an effect because the possible influences of other factors were not adequately assessed. There is supporting evidence that manganese causes nervous system effects in humans from occupational studies of workers exposed to high levels of manganese in air, but the relevance of these studies to long term drinking water exposure is less clear because the exposures were quite elevated and by inhalation, not by ingestion.

### **What happened? What is being done?**

We continue to monitor for Iron and Manganese on a quarterly basis and will continue to notify our customers of the results as required.

For more information, please contact H2O Innovations at 845-486-1030, or the Orange County Department of Health at 845-291-2331.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

This notice is being sent to you from Village of South                      State Water System ID#NY3510641

Blooming Grove . Violation IDs #12086, 12087

Date distributed: September 25, 2024