

IMPORTANT INFORMATION ABOUT THE DRINKING WATER FOR RESIDENTS OF BRIELLE, SEA GIRT, SPRING LAKE, SPRING LAKE HEIGHTS AND WALL TOWNSHIP

NEW JERSEY WATER SUPPLY AUTHORITY/ MANASQUAN WATER TREATMENT PLANT Does Not Meet Treatment Requirements

The New Jersey Water Supply Authority (NJWSA) through the Manasquan Water Treatment Plant (Manasquan WTP) provides a portion of the water consumed by the residents of Brielle, Sea Girt, Spring Lake, Spring Lake Heights and Wall Township.

The Manasquan WTP recently violated the filtration requirements of both the Surface Water Treatment Rule and the Interim Enhanced Surface Water Treatment Rule. Although this was not an emergency, the USEPA regulations require a public notice to explain what happened, what customers should do, and what NJWSA's response was to correct the condition.

NJWSA continuously monitors and records turbidity (cloudiness) of the water produced by the Manasquan WTP. Turbidity is a measurement of the effectiveness of the filtration process. The Interim Enhanced Surface Water Treatment Rule requires that the turbidity of the combined filter effluent (regulatory compliance monitoring point) water should not exceed one (1) Turbidity Unit (NTU) at any time. The Interim Enhanced Surface Water Treatment Rule specifies measurements of filter performance; this incident is a violation of that rule. Information on the Interim Enhanced Surface Water Treatment Rule standards is available from the US EPA's Safe Drinking Water Hotline at 1800-426-4791 or online at www.epa.gov/safewater.

WHAT HAPPENED

On October 17, 2010, the turbidity of the Combined Filter Effluent Water at the NJWSA/ Manasquan WTP exceeded One (1) Turbidity Unit for approximately one hour from 22:00HR until 23:00HR. This turbidity incident was attributed to an interruption of a chemical feed system which is part of the filtration process. The treatment chemicals were adjusted to the proper rates and the treatment process was under control within one hour. During the turbidity event, clarifiers were immediately flushed, filters were backwashed, and finished water flow leaving the plant was reduced.

During the same period, however, the turbidity of the Finished Water (delivered) did not exceed any Turbidity Standards and the maximum recorded turbidity for October 17, 2010 was 0.05 NTU. These finished water turbidity values are credited to the use of activated carbon filters that are part of the treatment process after filtration. In addition, the Manasquan WTP disinfection process continued to operate properly throughout this brief event providing adequate disinfection of the water supply.

WHAT DOES THIS MEAN

This is not an emergency. If it had been, you would have been notified within 24 hours.

Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms. These organisms include bacteria, viruses, and parasites which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

These symptoms are not caused only by organisms in drinking water. If you experience any of these symptoms and they persist, you may want to seek medical advice.

WHAT CUSTOMERS SHOULD DO:

- **You do not need to boil your water or take any other action.**
Since the turbidity was not released from the plant, there was no contamination of the water supply to the communities served: Brielle, Sea Girt, Spring Lake, Spring Lake Heights and Wall Township. We do not know of any contamination, and none of our testing has shown disease-causing organisms in the drinking water.
- **People with severely compromised immune systems, infants and some elderly may be at increased risk.** These people should seek advice from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from the US EPA's Safe Drinking Water Hotline at 1-800-426-4791 or on-line at www.epa.gov/safewater.
- **Please share this information with any other people who drink this water**, especially those who may not have received the 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.

FOR MORE INFORMATION:

For more information on this notice and the operation of the NJWSA/Manasquan Water Treatment Plant, please contact Thomas D'Aloia, Supervisor Operations or Richard Famularo, Manager:

- **Phone – 732-974-8383**
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