



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

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DIVISION OF WATER SUPPLY AND GEOSCIENCE

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CHRIS CHRISTIE
Governor

KIM QUADAGNO
Lt. Governor

BOB MARTIN
Commissioner

October 3, 2014

Leeann Ruggeri
Paulsboro Water Department
1211 Delaware Street North
Paulsboro, NJ 08066

Dear Ms. Ruggeri:

This letter is being written to update the drinking water advice provided to Paulsboro by the New Jersey Department of Environmental Protection (Department) on January 17, 2014. As you may recall, due to perfluorononanoic acid (PFNA) levels of up to 150 parts per trillion in Paulsboro's primary source of drinking water (Well 7) and to ensure an abundance of caution the Department advised that children and infants under one year of age should be drinking bottled water instead of the tap water.

At the time the advice was provided, Paulsboro Well 8 had gross alpha and combined radium 226 and 228 that exceeded the drinking water standard. Although Well 8 had PFNA levels that were below the Department's proposed guidance level of 20 parts per trillion, the elevated radiological levels precluded its use as a primary source of drinking water. Subsequently, installation of radium treatment on Well 8 was completed April 7, 2014. Paulsboro Water Department began using Well 8 as its primary drinking water source again, and Well 7 was turned off.

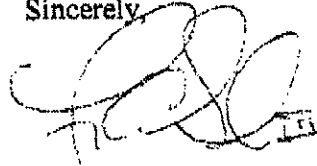
The Department has reviewed the radium and PFNA monitoring data from Well 8 collected since April 2014. The data show that the radium removal treatment is currently working and the drinking water is consistently below the drinking water standards (maximum contaminant levels or "MCLs") for both gross alpha particle radioactivity and combined radium 226 and 228. In addition, the PFNA concentrations from Well 8 continue to be consistently below the Department's proposed guidance level for PFNA of 20 parts per trillion at Well 8. Paulsboro Water Department also uses Well 9 occasionally to supplement the drinking water provided by Well 8. The PFNA concentrations from Well 9 are also consistently below the Department's proposed guidance level for PFNA.

Therefore, the Department does not believe it is necessary to continue the restriction on the consumption of drinking water in Paulsboro that is currently in place as Well 7 is no longer in use.

However, to provide further assurances that the concentrations of PFNA in the drinking water are consistently below the Department's PFNA guidance level in Wells 8 and 9 (untreated water) and in the water leaving the Paulsboro Water Department treatment plant (treated water), the Department recommends monthly sampling of these sources for PFNA and other perfluorinated compounds for a period of six months. At the end of six months, the future sampling frequency for perfluorinated compounds should be reevaluated by the Paulsboro Water Department.

Should you have any additional questions or concerns, feel free to contact me at fred.sickels@dep.nj.gov or 609-292-7219.

Sincerely,

A handwritten signature in black ink, appearing to read "Fred Sickels", with a stylized flourish at the end.

Fred Sickels, Director
Division of Water Supply & Geoscience

c: Honorable W. Jeffery Hamilton, Mayor