



GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE

- DIVISION OF -

WATER & WASTE SERVICES

G-4610 BEECHER ROAD - FLINT, MICHIGAN 48532-2617

PHONE (810) 732-7870 - FAX (810) 732-9773

JEFFREY WRIGHT  
COMMISSIONER

## MEMORANDUM

DATE: February 7, 2018

TO: GCDC-WWS Water Supply Customers

FROM: David M. Jansen, Senior Assistant Director *DJ*

SUBJECT: General Information on questions regarding Genesee County Drain Commissioner Division of Water & Waste Services (GCDC-WWS) Water Supply System.

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Our office has received a couple of inquiries from residents who have observed a white residue that occasionally forms in their pots and pans after boiling water. It is important for the public to know this is a perfectly normal occurrence, and some residents may continue to experience this in the future.

Out of an abundance of caution to ensure proper corrosion control, the MDEQ has required Genesee County to add phosphate at 2-1/2 times the level than what had been used by our previous water supplier, the Great Lakes Water Authority (Detroit System). We also have been required to raise our pH to above 7.5. Phosphates and elevation of pH are normal components in the treatment of water for corrosion control, in order to protect distribution pipes and internal plumbing in homes. The hardness of the water when combined with the phosphate at slightly higher pH value may cause this white residue to form. This is typically evident when water is boiled, and a white ring forms around pots and pans. Again, this is a commonly found residual due to the elevated phosphate and pH levels.

Typically, water suppliers are allowed to optimize corrosion control over a period of time. When GCDC-WWS collects and processes our first six (6) months of samples, we will submit those results to the MDEQ, and work with them to potentially reduce phosphate and pH levels. We will continue to work with the MDEQ, and local municipal DPW Departments to provide the most updated information to residents. As always, GCDC-WWS will continue to do all things necessary to provide safe and reliable water to our communities, as we have done since beginning operations.

If any resident receiving drinking water from our Water Plant has questions or concerns about their drinking water, they should contact our staff at the following numbers:

(810) 793-5123- 7:00 a.m. - 3:30 p.m. Monday thru Friday  
(810) 762-3626- After Hours

