

Rennaker, Joanne (DEQ)

From: Tim Davidek <T_DAVIDEK@gcdcwws.com>
Sent: Friday, October 09, 2015 11:04 AM
To: Prysby, Mike (DEQ)
Cc: 'bwright@cityofflint.com'
Attachments: cityofflint10815.doc

Mike,

Attached is the revised procedure.

Thanks and have a great weekend,

Tim Davidek

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance

Dear Mr. Prysby,

Find enclosed the City of Flint and GCDC-WWS proposed disinfection procedure of the 72" water main to supply potable water produced by DWS to the City of Flint.

Thursday, October 8, 2015:

Fill and pressurize the 72" water main from Genesee and Richfield roads to a closed valve at station 2, near the City of Flint Water Plant. Approximately 3.5 miles of water main will be filled and pressurized. This represents approximately 3.5 million gallons of water.

Friday, October 9, 2015:

Flush water from the 72" water main into the Dort Reservoir while introducing chlorine, utilizing the continuous feed method, into the 72" water main, near the intersection of Genesee and Richfield roads, in an effort to achieve a residual of 25 ppm. Hold for 24 hours.

Saturday, October 10, 2015:

Flush water from the 72" water main into the Dort Reservoir to remove highly chlorinated water from the 72" water main. Collect first round of Bacti samples. GCDC-WWS staff will collect a sample from a fire hydrant located at the intersection of Center and Pierson roads. The City of Flint will collect 1st round of Bacti samples at their Control Station 3.

Sunday, October 11, 2015:

City of Flint and GCDC-WWS will collect a second round of Bacti samples from the same locations.

The disinfection procedure and Bacti sampling will be done in accordance with the AWWA C651 standards. The 1st and 2nd rounds will be collected 16 hours apart.

Once the 2 consecutive negative bacti samples are completed and the water delivery agreement is finalized between all parties, water will then be supplied to the City of Flint.

Attached is a drawing identifying the location of the valves to be operated, location of the fire hydrant and the location chlorine will be introduced. *Drawing for illustrative purposes only.*

The City of Flint is responsible for the water once it passes the valve on the 72" at Station 2. This valve is identified on the drawing as: "City of Flint Valve".

Respectfully,

City of Flint
Genesee County Water and Waste Services