
From: Rennaker, Joanne (DEQ)
Sent: Tuesday, November 24, 2015 3:50 PM
To: Prysby, Mike (DEQ)
Subject: RE: Letter for final
Attachments: Standby OP Req. 2015.doc

For your records

From: Prysby, Mike (DEQ)
Sent: Tuesday, November 24, 2015 2:07 PM
To: Rennaker, Joanne (DEQ)
Subject: Letter for final

Joanne,

Attached is a letter for final to the city of Flint. Thanks!

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE



DAN WYANT
DIRECTOR

November 24, 2015

Mr. Michael Glasgow
Utilities Administrator
City of Flint
4500 North Dort Highway
Flint, Michigan 48505

WSSN: 2310

Dear Mr. Glasgow:

SUBJECT: Water Supply - City of Flint (City) Water Treatment Plant (WTP)
Standby Operation Requirements

The purpose of this letter is to summarize stand-by operation requirements for use of the City's WTP as an emergency back-up to allow for continuous supply of finished water to the City's entire distribution system in case of an interruption in water supply as a wholesale customer of the Detroit Water and Sewerage Department (DWSD) / Great Lakes Water Authority (GLWA).

At this time, the City WTP has been re-designated as an emergency standby WTP using the Flint River as its water source. Once connection to and raw water service from the Karegnondi Water Authority (KWA) becomes available, the City WTP may once again be converted back into continuous operation using KWA water from Lake Huron as its primary source, and the Flint River as an emergency standby source.

The City WTP, as an emergency standby facility, shall periodically test WTP operations to maintain operational reliability in accordance with the Michigan Safe Drinking Water Act, 1976 PA 399, as amended (Act 399), but shall not distribute treated water to its customers as part of these test operations. Instead, treated water shall be discharged to the Flint River in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) under the Natural Resources Environmental Protection Act, 1994 PA 451, as amended. The City WTP shall conduct these operational test runs on a quarterly basis for a minimum duration of one week (7 days) of continuous operation using conventional filtration and disinfection byproduct precursor removal. If the City intends to utilize additional treatment for precipitative softening as part of emergency standby operation, then quarterly operational test runs