

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 335-6122

From: Daugherty Johnson [<mailto:djohnson@cityofflint.com>]
Sent: Wednesday, February 06, 2013 1:50 PM
To: Prysby, Mike (DEQ)
Subject: City of Flint emergency services contractor

Hello Mike. I have been directed to develop an RFP to have outside vendors under contract with the City for emergency services. The work could include anything from residential emergency turn offs to Main break repairs. Among the questions I have is what standards or qualifications would the State require of vendors? Also, how do other communities ensure adherence to State drinking water standards when vendors are performing the services. I have attached a general scope of services we intend to put out for bid. Your input would be greatly appreciated. Give me a call when you get a chance (810) 577-8906 or email your thoughts.

Thanks
Daugherty 'Duffy' Johnson
Utilities Administrator



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

May 7, 2012

Mr. Howard Kroft, City Administrator
City of Flint
1101 South Saginaw Street
Flint, Michigan 48502-1416

WSSN: 2320

Dear Mr. Kroft:

SUBJECT: Flint Water Treatment Plant -- Future Operation

This letter confirms our May 1, 2012, meeting with you, Mr. Daugherty Johnson III, Utilities Administrator, Mr. Brent Wright, Water Plant Superintendent, and other water utility operators. Mr. Patrick Cook, Treatment Specialist, from the Department of Environmental Quality (DEQ), also attended the meeting.

The purpose of the meeting was to discuss options for blending treated water from the Flint River with water purchased from the Detroit Water and Sewerage Department (DWSD) or blending Flint River water with raw water purchased from the Karegnondi Water Authority (KWA) and subsequent treatment at the Flint Water Treatment Plant (WTP).

The city of Flint may elect to utilize their WTP for the blending of treated water from the Flint River with water purchased from DWSD or KWA provided that all applicable drinking water standards are maintained. Also, the city is encouraged to produce and distribute treated water that is comparable to the aesthetic quality of water purchased from DWSD. Various treatment parameters discussed in the meeting that the Flint WTP will be required to meet are listed in the bulleted items below.

- CT (disinfectant concentration times total contact time through the treatment process) must be maintained to provide not less than 99.9% (3-log) removal of giardia and not less than 99.99% (4-log) removal viruses.
- The residual disinfectant concentration in the water entering the distribution system shall not be less than 0.2 milligrams per liter for more than 4 hours.
- Filter effluent turbidity (combined filter effluent); Not less than 95% of the measurements taken each month shall be less than or equal to 0.3 ntu. Also, at no time shall the turbidity level exceed 1 ntu.