



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
LANSING



LIESL EICHLER CLARK  
DIRECTOR

December 21, 2021

VIA EMAIL AND U.S. MAIL

Mr. Ellis Mitchell  
City Manager  
City of Benton Harbor  
200 Wall Street  
Benton Harbor, Michigan 49022

WSSN: 00600  
County: Berrien  
Supply: Benton Harbor

Dear Mr. Mitchell:

SUBJECT: Corrosion Control Treatment: Water Quality Parameter Designations

The Michigan Department of Environment, Great Lakes, and Energy (EGLE), Drinking Water and Environmental Health Division (DWEHD), has received and reviewed the City of Benton Harbor's (Benton Harbor) results from Water Quality Parameter (WQP) and lead and copper tap sampling.

Per the timeline set forth in the Michigan Safe Drinking Water Act, 1976 PA 399, as amended (Act 399); R 325.10604f, *Treatment techniques for lead and copper*, EGLE is designating the following optimal WQP ranges. These ranges reflect the system's current operational objectives and are consistent with corrosion control treatment guidance produced by EPA. The supply must continue to operate and maintain optimal corrosion control treatment including maintaining WQP at or above the minimum values and within the ranges designated in the table below.

Parameter	*EPTDS WQP Range	Distribution WQP Range
pH (standard unit)	Minimum of 7.2	Minimum of 7.2
Orthophosphate Residual	Minimum of 3.0 mg/L as PO4	Minimum of 3.0 mg/L as PO4

\*EPTDS – Entry Point to The Distribution System

Benton Harbor is required to monitor its entry point to the distribution system (EPTDS), after treatment, at a minimum of once every two weeks and from a minimum of ten (10) sites in its distribution system once every quarter as outlined in your annual monitoring schedule. The WQP samples collected in the distribution system must be at a location that is representative of the water quality throughout Benton Harbor's distribution system. The WQP data collected must be reported by the 10<sup>th</sup> of the month following each quarterly monitoring period to EGLE.

This paragraph is a summary of the WQP compliance found in ACT 399 Rule 604f (3) (g). If Benton Harbor measures a WQP below the minimum or outside of the EGLE-designated ranges at an EPTDS or in the distribution system, immediate action to resolve the issue should be taken. A single value, or the average of multiple values, collected in a day is known as the daily value. If the daily value is below the minimum or outside of the

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EGLE-designated ranges, this results in an excursion day. Immediately following an excursion day, additional sample(s) must be collected to prove the system has returned to acceptable values. Days subsequent to an excursion day will be counted as excursions until acceptable daily values have been collected, including days which no monitoring is conducted. Benton Harbor is only allowed a total of nine excursion days in each six-month monitoring period. The six-month monitoring periods are January to June and July to December of each year. Compliance with this designation will be assessed beginning the **next monitoring round, January to June of 2022.**

If you should have any questions or concerns with this letter, please contact Mr. Brandon Onan, Supervisor, Lead and Copper Unit, Community Water Supply Section, DWEHD, at [onanb@Michigan.gov](mailto:onanb@Michigan.gov); Lead and Copper Unit, Community Water Supply Section, DWEHD, EGLE, P.O. Box 30817, Lansing, Michigan 48909-8311; or at the phone number provided below.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brandon Onan', with a long horizontal flourish extending to the right.

Brandon Onan, PE  
Supervisor  
Lead and Copper Unit  
Community Water Supply Section  
Drinking Water and Environmental  
Health Division  
616-307-6736

cc: Mr. Abul Ahmed, Operator in Charge, F&V Operations  
Mr. Darold Harlan, F&V Operations  
Mr. Eric Oswald, PE, EGLE  
Mr. Mike Bolf, PE, EGLE  
Mr. Ernie Sarkipato, PE, EGLE  
Mr. Stephen Pennington, EGLE  
Mr. Mathew Sylvester, EGLE