

September 10, 2024

To: Mr. William M. Wolfson
Great Lakes Water Authority
Deputy Chief Executive Officer

From: Mr. Pete Fromm
Great Lakes Water Authority
Director of Water Transmission

Subject: 8 Mile Road & Wyoming Street Communication- Flow Testing at 20119 Wisconsin

Mr. Wolfson:

There is a development project that is taking place in the City of Detroit at 20119 Wisconsin Road that requires flow testing with Detroit Water and Sewerage Department (DWSD). When DWSD performed flowing testing in this area, the static pressure was approximately 40 pounds per square inch (psi). When the hydrant was opened during the test, pressure dropped down to approximately 17 psi.

During the initial field investigation in early August 2024, it was found that a Great Lakes Water Authority (GLWA) 12-inch gate valve off our 48-inch transmission main slightly south of 8 Mile Road on Wyoming Street was not operable. If this gate valve was not fully open it could be the cause of the low pressure concerns in this area.

Subsequently, GLWA had crews confirm that all our valves in this area are in the open position. On September 4, 2024, a GLWA crew installed a pressure gauge on the western corporation of the 12-inch gate valve and compared the pressure to our remote pressure site P-013 that is located on 8 Mile Road west of Wyoming Street. The pressure readings were within a few psi of each other, which indicate that the GLWA 12-inch gate valve is open. GLWA will schedule a shutdown to replace the 12-inch gate valve in the future, but this will need to be coordinated with the City of Detroit and Royal Oak Township as low pressures will likely result for this work.

DWSD performed hydrant testing again on September 5, 2024 in this area. DWSD had passing test results at 8 Mile Road & Wyoming Street and 8 Mile & Indiana Street. The test results on Indiana Street near the project is where there continue to be low pressure concerns. DWSD is scheduling an internal meeting to discuss next steps to address the concerns near the development project.

There are no further GLWA actions requested by DWSD at this time. Please let me know if you have any questions or concerns.

Thanks,

Pete Fromm
Great Lakes Water Authority
Director of Water Transmission

CC: Terry Daniel- Deputy Chief Operating Office
Todd King- System Resiliency office
Justin Woods- Manager of Water Transmission
Clem Beverly- Management Professional, Water Transmission